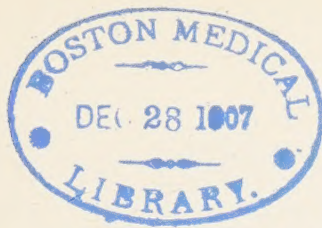


9783



JOURNAL MISSOURI STATE MEDICAL ASSOCIATION.

VOLUME I.

NUMBER 1.

ORIGINAL ARTICLES.

THE POSSIBILITIES OF MEDICAL ORGANIZATION.*

BY W. G. MOORE, M. D., St. Louis.

Gentlemen of the Missouri State Medical Association:

The exalted position to which you have raised me makes it my duty to address you upon this occasion.

I have chosen for my subject that which lies, or should lie, closest to the heart of every physician who holds dear the honor of his calling—the possibilities of medical organization and the benefits therefrom. From the beginning of history until now the great achievements of men, whether social, religious or political, have been the results of organized effort. This is pre-eminently the age for systematizing the factors which make up the complex known as society—the state or the nation if you please.

An organization may be for good or evil purpose, thereby meriting the approval or disapproval of right-thinking men. Upon first thought it would seem that no one could sanely oppose the organization of a scientific body, since it is knowledge methodically arranged for the benefit not only of those who possess it but those

as well who are ignorant of its blessings.

There are those among us who must be protected against themselves. Those who follow error rather than truth from their very nature. Science is the guiding genius who points the way to the betterment of mankind.

Of all men none are so liberal-minded and generous as true scientists—truth seekers. Judged by this standard there is no class of society who can better lay claim to the right to organize, with the full approval and co-operation of their fellows, than the medical profession, for I submit that none have added so much to human happiness by abolishing or mitigating human woes.

Do we ever stop to consider the magnitude of their work! Medical science has overcome many of the diseases which in the past decimated communities with the blowing of their lethal breath upon the strong and the weak, the old and the young, the Christian and pagan alike.

Let us state some facts in this communication—not theories—but facts,

* President's address.

as demonstrable and immutable as the sun which proclaims the day. Asiatic cholera, smallpox, malarial fevers, typhus fever, yellow fever and that greatest of all infantile destroyers, diphtheria, have lost their terrors and are now for the most part hideous dreams of the past. Smallpox, through the genius of the deathless Jenner, has become an impotent thing, and yet we see banded together now and then a lot of disjointed, disgruntled, disgusting pretenders calling themselves antivaccinationists, and raising their puny voices against the indisputable facts of history because they do not believe in them. As well allow the smallpox patient to roam at large because *he* didn't believe it was contagious. I believe in compulsory vaccination in order that these doubting Thomases may be protected against themselves and the community protected from them.

Not less terrible than Asiatic cholera or smallpox was yellow fever—especially to our Southland. How few and short the years since it spread desolation and terror not alone over the sunny south but the frozen north as well. How it paralyzed commerce and caused its panic-stricken citizens to flee for refuge to every quarter offering an asylum. But what of it now? When the United States, after thoroughly masticating Cuba (the very incubator of yellow fever), concluded to “benevolently assimilate her,” this disease was by far the greatest barrier that stood upon the threshold. “Grim-visaged war had smoothed her wrinkled front,” and with all her pomp and noise and splendor, had retired to receive the plaudits of their country-

men—they left behind one enemy who was proof against all their munitions and strategies of glorious war. This was “Yellow Jack.”

And what is the story now! There was a little handful of medical men sent down by the government to seek out the cause of yellow fever and if possible remove it. Did these heroes go heralded by flying banners and braying trumpets into this valley of death? No, there was not even the “vile squealing of a wry-necked fife” to tell of their departure or arrival. They simply “folded their tents like the Arabs and silently stole away.”

What did they do? They lost no time in locating the poison in our old friend the mosquito, found his habitat to be the stagnant ponds and streams, poured oil upon the troubled waters, gave orders to their servants to clean up Cuba and *keep* her clean, packed up their microscopes and came as silently as the shadows of the night to give an account of their stewardship to those who sent them. Indeed,

The wise physician skilled our wounds to heal
Is more than armies to the public weal.

These gentlemen were your professional brethren. Do you even know so much of them as their names? Every name among them should be graven upon a shaft to pierce the clouds to be looked up to and revered by their countrymen. Gentlemen, there is something pathetic in the quiet, humble way in which this great deed was done. It was of more importance to the United States and the world than all the army had done—it has saved and will continue to save untold thousands of lives, and “has made the desert blossom as the rose.”

That the names of this immortal board shall not sink further into oblivion than they have been allowed to do by an ungrateful government, let us record them here as follows: Major Walter Reed, U. S. A.; Dr. James Carroll, contract surgeon, U. S. A.; Dr. A. Agramonte, contract surgeon, U. S. A., and Dr. Jesse W. Lazear, contract surgeon, U. S. A.

Of the number Major Reed and Dr. Lazear are dead. The former, so young and full of promise, succumbed to an operation for appendicitis, and the latter younger still, bared his arm and deliberately allowed an infected mosquito to inject the poison of yellow fever into his circulation and died that others might live. History does not recall a more Christ-like sacrifice than this and time cannot eclipse it. He has lighted a torch for the guidance of men which can never be extinguished. No peons of praise can ever be sung to make his rest more tranquil or more profoundly secure in the hearts of those who love noble deeds.

A monument could be raised of stones bearing the names of medical heroes to reach the sky and the smile of heaven would fall earliest upon the one inscribed with the name of the lost and lamented Lazear.

This is but a fraction of what medicine has accomplished and will accomplish, while the feats of surgery are actually so marvelous as to be bewildering to human understanding. Already numberless lives are being saved by the early and intelligent treatment of consumption, and that other dread destroyer, cancer, is being mitigated if not cured.

In the light of these glorious facts, I ask you, gentlemen, to remember that it all happened before Christian Science and Osteopathy were born—aye, before an Eddy ever whirled in the “moonshine” still of Missouri.

Now look at that picture and on this. Imagine, if you can, a rickety, bow-legged and somewhat hydrocephalic cretin, styling himself an Osteopath, and leading by the hand a timid, ethereal spinster whom he introduces as Christian Science, appearing before an audience in this twentieth century—the one declaring all disease has its origin in the bones, while the other in a tenor key shrieks that “there is no such thing as disease;” that Virchow, Pasteur, and all the great pathologists of the past, were only fakirs, and that “I am the way, the truth and the light,” and “thou shalt have no other gods before me!”

And how did such a ridiculous monstrosity ever get before the foot-lights legally. The rubbers, leg-pullers and most ignorant quacks of all time, a few short years since, came before a governor of this state with a bill asking to become legalized practitioners of medicine. The governor promptly refused on the ground that they had no scientific standing. They were similarly treated by Governor Tanner, of Illinois. They bided their time, working up political strength until another campaign was on, when they promised to trade their votes for gubernatorial signatures, so we are told. At any rate their bill was signed, and with the same pen-stroke there was foisted upon the public the most ignorant and pretentious set of quacks the world ever saw. If there

had never occurred any other reason why the doctors of Missouri should organize, that one act is sufficient cause.

Then came Christian Scientists before still another governor, asking to become licensed practitioners. They were refused to be allowed to sign death certificates—all else being granted, we believe. They have neither pathology, materia medica, nor surgery, and draw their therapeutics by unseen hands from a storehouse somewhere hidden away in that “undiscovered country from whose bourne no traveler returns.” Theirs is truly an occult science, hidden too deeply for ordinary mortals to see or understand.

But how shall the medical profession escape further degradation at the hands of future governors and legislators? By realizing the fact that if the 6,500 doctors of this state become organized they can dictate to their creatures what they shall do. They would be the most powerful organization in Missouri. The ballot is our remedy. It should be used wisely and justly. There is no higher office than the making of good laws or unmaking bad ones.

Doctors are not considered because they do not make themselves felt. We all know nothing is more important to the body politic than sanitation. Yet a short time since when the Panama Canal Commission, a body so directly concerned in the health of the thousands employed in the construction work, was being appointed, we would suppose (naturally) one or more physicians would have been suggested to the President; but none was appointed or thought of, so

far as we are informed, although this occurred in the twilight of the splendid days in Cuba, when science (Foraker and Still) so brilliantly demonstrated her triumph over disease and death.

A writer in one of our daily papers recently commented upon the fact that colleges continued to turn out large numbers of young doctors “for which there was no use, since the profession had already stamped out epidemics and taught the people how to live sanitary lives.” There is a world of truth in this trite observation. We are the only men on earth who are continually striving to limit the source of our revenue for the benefit of others.

Doctors are peculiarly well-fitted to become legislators, for the reason that they are closest to the real lives of all classes of society, and know their necessities better than any other profession or calling. Moreover, they are trained in a school of better moral atmosphere than any other class except the clergy, perhaps, and in point of intelligence are the equals of any. If you doubt any of these statements, I beg you to go and look upon any legislative body in our country, from the United States Senate down to the humblest, and then compare them with the assembly of the American Medical Association or the representative state associations, and your doubts will vanish like a dream of the night.

These statements are not theories without precedent for a basis, for the medical profession is largely represented in the legislative bodies of Europe, and reaping their share of honors bestowed by their countrymen.

If any of you are recalling some of the scenes you have witnessed and saying politics "is too low down for you," I ask you to remember that it was in the arena of statesmanship that the great Virchow was scarcely less distinguished than in the laboratories of science. There is no higher calling than the making of wise and just laws for the betterment of our fellows, and none lower than the tricky combinations to take for a few what is rightfully the inheritance of us all. In all the galaxy of great men who signed the Declaration of Independence, there were few, if any, greater than Dr. Benjamin Rush, and scores of his professional brethren have shown brilliantly in places of honor.

Sanitation is not second to any consideration affecting the welfare of men, and doctors are peerless as sanitarians. In fact, they have made it what and all it is today. But you say, what are we asked to organize for, what do we get for it?

You will recall that, if history is to be credited, this human family of ours got a bad start. The original pair in that garden, which has ever epitomized the bountiful and beautiful, fell victims to the blandishments of a serpent—and lost Paradise. Their first born pair were boys—Cain, and Abel, his brother. Of this first offspring, fifty per cent. were not only a murderer, but a fratricide and liar. This is as true as Holy Writ, and when in jealous rage Cain slew his brother and hid his body, and the Lord asked him, "Where is Abel, thy brother?" the answer then given has come down through the ages to this present hour, and is ever ready when men wish to

evade responsibility for their evil deeds and neglect to do that which is right toward their brethren. You remember the answer, "I know not; am I my brother's keeper?"

It is to be expected that the Cains have descended through every generation, and find their most perfect typification in that thing which we call the quack doctor of the present day. Therefore, one of our first reasons for organization is to rid the community of advertising quacks, ignorant, soulless wretches, who prey upon the sick and unfortunate when they are weakened in mind and in body—a condition which would appeal to the compassion of an hyena or jackal, but only invites the greed of a quack because of its helplessness.

There is one statement you may put down *always* as unfailingly false—that is the statement of an advertising quack. Whence comes the power of these men for evil? It comes as surely from the secular and religious press as that light comes from the sun; and, in proportion to the circulation, far more from the religious than from the un-Godly periodicals and papers, because the unthinking reader is far readier to believe in the rectitude of the one than the other. The press is the most powerful agent for good and evil known to men. How basely some organs use this power! How nobly others come to the rescue of the helpless! Why do the great metropolitan papers advertise these renegades to cure cancer, valvular disease of the heart, locomotor ataxia and other diseases which the editors know are incurable—why?—for money, only this and nothing more, nothing less. If one of these same editors had any of

the above diseases, the last idea that would ever come to his mind would be to ask treatment of one of the fakirs which he so glowingly commends to the poor deluded subscriber who has trusted him. Would any minister of the Gospel take his wife or daughter to the coarse wretch he so graciously presents through his paper to those of his flock who support and uphold his church and pay his salary? Never! He would hie him to some quiet, studious gentleman who would treat him without money and without price—for sweet charity's sake.

I beg you gentlemen think of these outrages against not yourselves so much as against the poor, uneducated masses who believe what they see in print. "Father, forgive them, for they know not what they do!"

What are they doing when they advertise quacks and patent medicines? Besides destroying the only opportunity left to many sick persons for regaining health before it is too late, they are making drunkards and drug fiends in every walk of life and in both sexes. Is it any wonder that drunkenness among women in our own country is alarmingly on the increase when, as shown by the state analyst of Massachusetts and ably commented upon editorially by Edward Bok, of the *Ladies' Home Journal*, that every single one of the widely advertised spring tonics, beautifiers and specifics of various kinds contain from 15 to 44.5 per cent. of alcohol. Cocaine also adds its fiendish influence to that of morphine and alcohol in some of these cure-alls. Is it any wonder that crime is rampant in all its forms?

But some say, "admitting the truth

of these facts, do you believe anything can be done against the religious and secular press?" Yes; I know it can, because it has been made impossible in Kentucky for any form of quackery to be advertised or practiced openly (save one). "How will we do it?" By organizing as we should, have a legislative member or committee of doctors to watch the work at the capitol and by serving notice upon candidates what we intend to do. Make no appeals—but demands.

An intelligent and reliable young man who traveled in the South for one of the wealthiest wholesale drug houses in St. Louis, told me that certain drug stores were known as "dope stores" because of their enormous sale of morphine, cocaine and similar remedies. These are dispensed over the counter without a prescription to any irresponsible white or negro man or woman. Who knows how many of the fiendish crimes that are constantly being perpetrated are due to this shameless practice?

The millionaire proprietor of this same wholesale firm instructed his young salesman to look after the "dope stores" especially and spare no effort to outbid his competitors for their patronage.

A few years ago a notorious infanticide—or child killer—was arraigned in our courts for causing the death of one or more women by criminal practice. What was the result? A nine-days' wonder in the minds of some people at her atrocity, the advertisement to every man and woman of her place of business and its kind, an acquittal or perhaps some trifling fine to be paid with blood money, and then the resumption of business at the

same old stand — which continues today without molestation. And this monster dares to style herself a doctor.

Gentlemen of the Missouri State Medical Association, we have not been doing our duty and we will not until we rise in our might and wipe the last vestige of this disgraceful business off the face of the earth!

Someone says, "well, it's the fault of the law—what have we to do with it? We didn't make the laws." No, but you should have done it. Have you ever looked into the faces of men who did make them? Have you ever seen any state legislature in session—especially the delegation sent from large cities or towns? If you have then I need not tell you how forlorn the hope of reform from such a source is, nor why the political stream is polluted from end to end. But what can 6,500 doctors do against the entrenched hosts of debauchery? I answer, do what the heroes of ancient times have done as well as those of to-day—create a sentiment based only upon right—go before the people and proclaim it from the housetops if need be that justice must prevail whatever the cost, and be assured that some David will be raised up among us to fight and slay the giant corruption.

If you lack courage and are faint hearted, think of Jacob Riis, of New York, who came to that city from a foreign land and out of the deep convictions of his noble heart dared to tell the four hundred, as well as all the balance of the Gothamites, "How the other half live." Then he attacked the hardest proposition in human nature—the money shark—and showed how, in the hell holes they called

tenements from which they exacted the hard-earned dollars from the poverty stricken men and women, 60 per cent. of whose children died in these dark, reeking pest holes before they reached the age of one year. He called to his aid the doctors and then one class of citizens after another until popular opinion would rest no longer and demanded that these charnal houses give way to sanitary, habitable dwellings wherein the mortality fell from 60 to 12 or 15 per cent.

For this and other similar work the president of the United States proclaims him the most useful citizen of all the millions in New York. A glorious title, most gloriously won.

Men who would undertake true reform must have no axes to grind. Personal selfishness must be left out of consideration, and a sense of serene satisfaction from work well done must be the goal striven for.

Only a few years ago the offices of Coroner and Health Commissioner were filled by laymen in this city—political plums to political henchmen without the slightest regard to fitness or public welfare. To contemplate such a condition is cause for righteous contempt for the powers that were—and our own masterly inactivity.

Is it any wonder when such facts are remembered that one of the most notorious quacks has been a state appointee of two governors of imperial Missouri?

Verily, gentlemen, the medical Sampson has lain down in the lap of Delilah, who has shorn his locks and turned him over to his enemies. May he pull down the temple to his own and their destruction before he goes further to degradation!

You will recall a memorable occasion on which the mice held a council as to the propriety of belling the cat. All agreed that it should be done forthwith, but when the volunteers were called for each went scurrying to his respective hole for safety. From that day to this mice have been a synonym for impotent men, hence the abjuration, "be a man or a mouse."

Finally, gentlemen, how shall we proceed against the manifold evils already hinted at and the multitude not referred to? First, by the establishment of an organ of communication to be the co-partnership property of every member of the Missouri State Medical Association—our journal—to be known as the *Journal of the Missouri State Medical Association*, edited in the interest of every worthy cause or individual whose mission is to uplift the real medical profession, whether from a scientific, social or political standpoint. A medium through which thousands of interesting medical events, now lost in oblivion, may be communicated to physicians everywhere and at the same time be a stimulus to become accurate in work done and faithfully record mistakes along with failures. A means by which meritorious articles can be advertised and into which no spurious quackery can ever enter. A journal ever ready, not only to assist the right but also resist the wrong. To keep the brotherhood in sympathetic touch, one with another. A clarion to call together the clans to defeat and prevent farther humiliations upon us by governors, senates, legislatures, or any other enemies without or within.

For the maintenance of this journal we must not depend upon any but

those who love the cause and are willing to make sacrifices for it. There is a noble yeomanry in the rural medical profession of our state which can be relied upon in every hour of peril, and there are urban dwellers just as enthusiastic and trustworthy as they.

The history of other states proves the feasibility and desirability of each state association having its own journal. New York, Pennsylvania, Kentucky, Illinois, Michigan, Colorado and California have solved the question to their entire satisfaction, and Missouri will do likewise. These state journals should be to their medical citizens what the *Journal of the American Medical Association* is to the doctors of our country. Once fully organized and working harmoniously they need not ask for concessions, but demand them. The state journal must keep on the watch tower to see that no enemy gets within our ranks and if any pass the sentry by stealth, point him out, be he of high or low degree. They should demand that no medicine be made or sold in any of the states without the full contents be printed upon labels and placed upon the bottles, that these medicines should at all times be subject to examination by competent examiners appointed by the state and, if they fail to comply with the advertised formula, their sale be prohibited. That nostrums be placed in their true light and the laity taught how dangerous they really are.

Let the state of Missouri and all others thoroughly organized follow the example of the Indian Territory and prohibit the sale of Peruna and its damnable kind. It was observed in the Territory that a few doses of

this precious stuff set the bucks to doing war jigs, and their white fellow-citizens developed strong tendencies to go upon the warpath. The cause is plain enough, for the Massachusetts state board analyst tells us in a published document that it contains 28.5 per cent. alcohol. It is also clear to us why so many of the editors and preachers who advertise it become bleary eyed and red nosed. To judge from our Sunday papers we must conclude that our congressmen are the most catarrhal set under the sun and each is being treated from a demijohn of Peruna. This is the sweet scented bunch who make our laws.

In this connection I wish to quote a few more percentages. Lydia Pinkham's vegetable compound, especially recommended by the W. C. T. U., contains 20.6 per cent.; Paine's celery compound, 21 per cent.; Colden's liquid beef extract, "recommended for the cure of the alcoholic habit," has 26.5; Parker's tonic, "purely vegetable," 41.6; Warner's safe tonic bitters, 35.7 per cent.—this to be given in kidney diseases, where alcohol is admittedly the worst thing possible; but "Kaufman's sulphur bitters" is the gem of the constellation. The makers say it "contains no alcohol," when the fact is, according to the analyst, it contains 20.5 per cent. of alcohol, and no sulphur at all.

These are the remedies so highly recommended to the deluded public by the powerful press. They are the nurseries of inebriety. We should demand that incessant warfare be waged against the pharmacist prescribers over the counter for condi-

tions about which they know nothing. That state boards be clothed with legal powers commensurate with their dignity and importance and not be hampered as they have been in the past—rendering them merely a nominal institution of the state.

We should insist upon the enacting of laws that will place the charitable institutions of the state at the disposal of the medical profession for the purposes of clinical instruction wherever possible.

Nothing is, or can be, more important to our future than the elevation of the standard of medical education, to the end that physicians shall be of that type of mind who find their pleasure in scientific pursuits, and their contentment in the results it brings. They must be above the commercialism of today—that most vulgar member of society, which mars everything it touches but itself.

We should insist upon a thorough training of medical students in therapeutics and pharmacology as the best means possible to prevent them from becoming mere dispensers of proprietary nostrums, thereby clogging the wheels of therapeutic progress until destroyed by its enemies. All that we ask is but our just dues. A benefit to every honest, well meaning citizen of our country whether he live in affluence or poverty, in freedom or captivity, sane or insane. This is no Utopian dream. They are possibilities entirely within our grasp and only require for their accomplishment that each and every one of us knows and does his *whole* duty.

THE CLOSURE OF THE ABDOMINAL WOUND.

BY H. C. DALTON, M. D., St. Louis, Mo.

The diversity of methods and material employed by our leading surgeons in closing coeliotomy incisions, and the large number of ventral hernias that are being constantly reported, lead me to select as a theme for my paper the closure of the abdominal wound.

It is a well known fact that when an incision is made in the abdominal cavity it is impossible to so coapt the divided structures as to secure a degree of strength equal to that existing before the operation.

In view of this axiom it is the object of the surgeon to so reunite the divided tissues as to secure a degree of strength as closely as possible approximating that which originally existed.

There are two great methods of closing a coeliotomy wound, viz.:

1. The through-and-through suture.
2. The layer method.

The former comprises sutures about three-eighths of an inch apart, each taking a little skin, a good bit of muscle and fascia and a little peritoneum.

By the layer method we endeavor to bring together similar structures; thus, the peritoneum is joined to the peritoneum, fascia to fascia, muscle to muscle, and skin to skin.

The practice of our leading surgeons is so varied regarding the abdominal closure that it may be well to dwell for a few moments on the different opinions that exist among them.

Thus, Deaver believes that better union can be secured if more attention be paid to the line of incision; that the incision should not be made through the median or semi-median lines, but rather through the adjacent part of the rectus muscle. In cases where the abdomen is not so obese he uses the through-and-through suture, but if there be a good deal of fat he prefers the layer method. In the former suture he prefers the method of Price, *i. e.*, taking little skin, much muscle and fascia and a small amount of peritoneum. For the layer suture his preference is for the buried silver wire, and states that in his experience it does not give trouble.

Maurice H. Richardson, of Boston, states that while the through-and-through suture does not secure absolute apposition, it is a question if its accuracy is not sufficient for all practical purposes. He believes that a strong inelastic cicatrix depends more upon primary aseptic healing than upon any other factor. He points out that in the layer suture one disadvantage is that effusions of blood or serum may form between the layers and render infection liable. The through-and-through suture, on the other hand, prevents effusions of any kind, and if infection takes place it must occur in the entire tract or between too tightly approximated surfaces. He is convinced that early separation of the surfaces has a great deal more to do with the occurrence of hernia than the stretching of the scar.

In applying the sutures he threads at both ends and brings the suture from the inside, thereby lessening the danger of infection from the skin. He advises recumbency for four weeks in all cases of doubtful wound strength, and the avoidance of any labor that would increase tension on the scar for at least three months.

In the Johns Hopkins Hospital, while no definite plan is strictly adhered to, the closure is usually made by using fine silk for the peritoneum; the muscle, after splitting the capsule, is joined by interrupted heavy silk, fascia by continuous silk and skin by subcutaneous silk wire.

By splitting the capsule is meant that in making a median incision they do not go through the linea alba, but always through the rectus muscle. Also in a lateral longitudinal incision, instead of going just outside the rectus muscle they go through it. Thus the sheath is opened, and when the closure is made the peritoneum is first sutured; next the posterior sheath, then the muscle itself, then the anterior sheath and last of all the skin.

Edwin S. Ricketts, of Cincinnati, believes that through-and-through sutures of silk worm gut, with interrupted silk sutures of the peritoneum, will permit us to attain nearer ideal results than any other method.

Chas. Davison, of Chicago, has employed an ingenious method of suturing with silk worm gut. He makes a continuous suture for the peritoneum, one for muscle and fascia and one for the skin. The ends of the sutures are left out, and each stained a different color to differentiate the layer to which it belongs.

Chas. P. Noble, of Philadelphia,

says that the objections to the through-and-through method are the relative frequency of hernia following its employment, and the relative high percentage of wound infection and stitch-hole abscesses. This is more especially the case in fat subjects, where the component parts of the abdominal wall cannot be accurately approximated, and more especially the continuity aponeurosis of the transversalis muscle restored.

He thinks many stitch-hole abscesses are caused by the fact that the stitches are drawn too tightly in endeavoring to approximate the structures, thereby causing necrosis and a favorable field for germs. He considers that the through-and-through method should be reserved for the small class of cases in which drainage is necessary, and another limited class of cases in which, owing to the general condition of the patient, the saving of even a few minutes in the duration of the operation is of importance. From 1892 to 1897 he employed a row of interrupted silk worm gut sutures at the level of the aponeurosis, uniting the aponeurosis, recti muscles and peritoneum. A second row was employed to unite the skin and subcutaneous fat. Subsequent to 1897 he adopted catgut exclusively in the closure of all abdominal wounds. As a result of these methods he, in 1898, reported 462 cases, with two post-operative hernias. This is truly a most remarkable result, and certainly challenges our admiration. In the peritoneum he uses fine catgut, the aponeurotic sheath of the right rectus is then separated from the muscle by blunt dissection so as to bare the under surface of the aponeurosis. This

is done with medium chromicized catgut. Care is taken to stop all oozing, and the wound is repeatedly washed with salt solution as each layer is put in.

From May, 1898, to October, 1899, 224 cœliotomies and Alexander operations were performed in which tier sutures were used. In this series there was suppuration in 1.3 per cent. of cases operated upon. Two cases of hernia occurred in this series, and two cases of delayed suppuration occurred in two tubercular patients, showing that the process of encapsulation, or gradual absorption of chromicized catgut, may be interfered with by weakened vitality.

Winslow, of Seattle, Washington, states that the aponeurosis is the chief factor in preventing hernia. To support this statement, he says, that when the fascia is ruptured we may have protrusion of the muscle with the viscera behind it. He believes that in the through-and-through suture like structures are not accurately approximated, the peritoneum may be separated by bulging muscle, the aponeurosis is not properly coated, the layers are puckered and suffer considerable tension resulting in thinning of the abdominal walls.

Faulty approximation leads to wide scar formation, and its being weak tissue and extending in an unbroken line from peritoneum to skin, often yield readily and give rise to abdominal hernia. He says that while the tier suture secures accurate coaptation and less tension, still it is open to the objection that the lines of the scar from peritoneum to skin are directly over one another, thus leaving the line of incision weak and leading to a

certain number of hernias. To overcome this he mentions the plan of some German operators. They divide various layers in the same parallel lines, but in different vertical planes. Thus the incision in aponeurosis and muscle would not be made in the skin incision, but a little to one side, while that in the peritoneum would not be made immediately beneath the line of division of the fascia and muscle. By this means the deeper scars will have a layer of healthy tissue over them that will add greatly to their strength. Personally he strongly favors the overlapping of the aponeurosis.

Winslow concludes: (1) That the aponeurosis coverings are the chief supporting structures of the abdominal wall. (2) That the approximation by overlapping in doubling the strength of the aponeurotic layers doubles the strength of line of incision. (3) That this being the case and the overlapping method being proved the best mode of curing abdominal hernia, it follows that prevention is better than cure. It is wiser to prevent hernia by employing this principle in closing all abdominal incisions than to be forced to use it to cure post-operative hernia.

In my own surgical experience it has been my plan until recently to close all incisions by the through-and-through sutures. Unfortunately an accurate account of the results could not be obtained as so many of the patients that came under my observation during the six years I was in charge of the St. Louis City Hospital were of a character that rendered subsequent observation impossible. There can be no question, however, that a

very large per cent. had ventral hernia following the operation; indeed, I have seen a number of them and in some have operated for the cure of the hernia.

In the last few years I have done the layer suture in almost all cases. For this purpose I use a fine suture of sterilized catgut for the peritoneum, often including the transversalis fascia. For the muscles and fascia I have used heavy chromicized catgut in the form of mattress suture. The skin is closed by silkworm gut, or a subcutaneous catgut and wound clips. By this method we secure accurate apposition and there is no undue strain on any part. Another object gained by this is that there is no direct channel of infection from the skin, as when a suture runs through it and down into muscle, fascia and peritoneum.

In order to obtain a greater degree of safety against infection I now use rubber gloves as a matter of routine. For the through-and-through suture I always use silkworm gut, and for the tier suture catgut exclusively.

To my mind the great safeguard against hernia is the prevention of infection, for no matter what method we use a large percentage of hernias will follow suppuration in the suture tracts.

All things being equal we are less liable to have hernia in a short incision than in a long one. If the layer suture be used all oozing must be carefully stopped before closure, as any collection of serum or blood makes a soil so favorable to germ life as to endanger our results. When the abdomen is very fat the layer suture should always be used, for, as

particularly pointed out by Noble, the great tension necessary to coapt the divided surfaces causes a certain amount of necrosis and forms a very favorable nidus for germ life.

When time is a potent factor the through-and-through suture should be used in every case. In cases requiring drainage this should be the method of choice also.

Since the peritoneum has been more carefully studied it has become known that drainage is not necessary in the vast majority of cases that were formerly drained, and moreover, that the drain itself forms an avenue of infection that must not be overlooked.

It is my opinion that we will secure better results if we drain less frequently, and devote more attention to our closures, and that under the most rigid asepsis. It goes without saying that every logical mind must recognize the advantage of accurately coapting the divided structures so as to place them in the same relative relation as before the operation. Considering that we have in catgut, as now prepared by some of our leading firms, a material that may be buried with immunity, and that will hold with certainty for a given length of time, I strongly favor the tier suture as a matter of routine.

If we modify the tier suture by overlapping aponeuroses wherever possible, and incising and uniting the various layers in different planes, we may reasonably expect our result to be well nigh ideal.

Grand and Easton avenues.

BIBLIOGRAPHY.

- a. American Journal of Obstetrics, Vol. 3, No. 1, page 25.

b. Medical News, August, 1900.

c. American Medicine, February, 1903.

d. American Journal of Obstetrics, 1904,
Vol. 49, No. 3.

e. Annals of Surgery, 1902, Vol. 35, No.
5, page 297.

f. Boston Medical and Surgical Journal,
1900, Vol. 142, No. 10, page 287.

g. Annals of Surgery, February, 1904.

A MEMORIAL—DR. ORSINO AYERS WILLIAMS.

BY FRANK J. LUTZ, M. D.

The important services which the late Dr. O. A. Williams, of Versailles, in Morgan county, rendered to the medical profession of the state of Missouri make it imperative that this association pause in its proceedings to render a tribute to his memory.

Dr. Williams was born in West Unity, Williams county, Ohio, on the 21st of August, 1835; he died May 6, 1904. When two years old his family moved from Ohio to Morgan county in Missouri, where young Williams grew to manhood, attending the common schools of Versailles and working on a farm. He read medicine under the late Dr. J. T. McCoy, of Versailles, and in his twentieth year was graduated by the Missouri Medical College, then better known as McDowell's. In 1870 he received an *ad eundem* degree from the St. Louis Medical College. He entered upon the practice of medicine immediately after graduation in Chillicothe, Missouri, and when the war broke out between the north and south he joined General Slack's brigade of Price's army as a surgeon and remained at his post until peace was declared. After the surrender of General Lee, he followed General Joe Shelby into Mexico, where he remained until after the fate of Maximillian was decided. He then returned to his childhood's home and resumed practice in Ver-

sailles where he worked until he breathed his last.

Being a man of fine natural endowments, of close application and of almost instinctive knowledge of disease, linked to great personal kindness and unselfish devotion he soon acquired an extensive practice which spread and continued to grow until it may be safely said that at the time of his demise Dr. Williams was the best known physician in Central Missouri.

He was a successful surgeon, fearless and cautious. He kept himself abreast of the times. No man of his years was more enthusiastic in following the advance guards of surgical learning, no one complied more conscientiously with the canons of modern surgery than did our late associate.

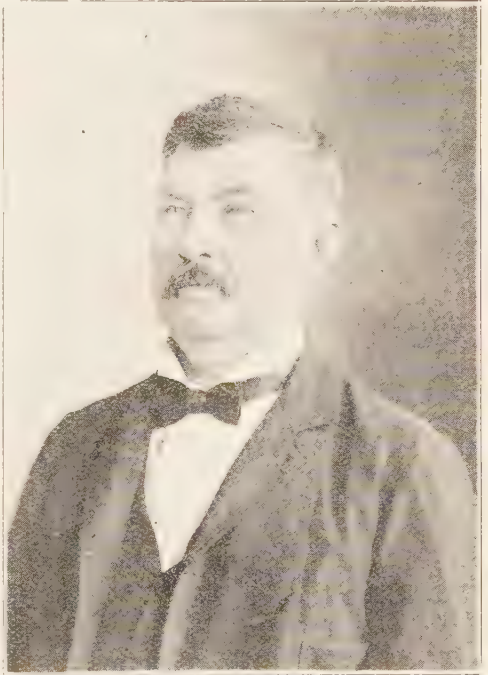
I do not wish, however, to call attention to his professional attainments; I would rather recall on this occasion the services which he rendered to the medical profession of this state, and therefore to the people, in his unassuming, practical way. Those of you who have taken an interest in the many tedious steps which were necessary when first the attempt was made to enact legislation for the protection of the people against quackery and charlatans and the ignorant pretenders in our own ranks, will perhaps also recall some of the strug-

gles that were necessary and some of the sacrifices that were made by the few to whom had been assigned, or who had voluntarily taken up, some of the legislative work. In looking for a suitable person who possessed all the qualifications to successfully carry through the Assembly the desired measure, some champion, persistent, quiet and unobtrusive, with a knowledge of men and the power to conciliate opposition, and who at the same time thoroughly understood and was in sympathy with the efforts of the medical men, the committee asked Dr. Williams to sacrifice his business and his time, and to attempt to become a member of the legislature from his county, for the purpose of carrying out the great plan of the medical profession. Dr. Williams yielded to our importunities, and during the entire session, which he attended faithfully and during which he was ever present and never lost sight of the goal for which we were all striving, without having made a single public speech, it was mainly through his efforts that the law of 1882 was placed upon the statute books, and but very few suspected that the quiet, unassuming country doctor had engineered and had successfully seen enacted what, to others, appeared impossible. His modesty forbade him to make known the part he took in this most essential piece of legislation which marked an important step forward in the progress of public health matters.

Again, later on, he stood as the champion of the regular medical profession, when as a member of the State Board of Health he was so sur-

rounded that it required the greatest pressure from those in whose judgment and loyalty to the medical profession he had the most confidence, to persuade him that the regular profession's interests would be served if one of their number was on guard.

He was the loyal enthusiastic sup-



ORSINO AYERS WILLIAMS.

porter of an organized profession. He came to the meetings of this association when many came and when only a few were gathered together.

I will pass over his personal characteristics. Most of you are as familiar with them as I am. He was a loyal man; he was a good physician; he stood for the best efforts in medicine and gave proof of it in a practical way.

MINUTES OF THE FORTY-SEVENTH ANNUAL MEETING OF THE MISSOURI MEDICAL ASSOCIATION.

FIRST DAY, May 17, 1904.

The forty-seventh annual meeting was called to order by the President at 9:30 A. M.

Mr. Joseph L. Hornsby, President of the City Council, delivered the address of welcome.

Symposium on Tuberculosis:

Dr. George Homan, of St. Louis, being absent, his paper, "Prevention of Tuberculosis," was read by Dr. R. B. H. Gradwohl, St. Louis.

Discussion by Dr. W. McNabb Miller, Columbia.

Dr. William Porter, St. Louis, "Home and Sanatorium Treatment."

Discussion by Dr. W. McNabb Miller, Columbia.

Dr. N. P. Wood, Independence, "Therapeutics."

Discussion by Dr. R. M. Funkhouser, St. Louis.

Dr. R. B. H. Gradwohl, St. Louis, read a paper entitled "Remarks on Bacteria in the Dead Body."

Dr. H. C. Dalton, St. Louis, read a paper entitled "Closure of Wound of Abdomen."

Dr. H. J. Scherek, St. Louis, read a paper entitled "An Analysis of the Dispensary Service of St. Louis."

Dr. A. H. Ohmann-Dumesnil, St. Louis, read a paper entitled "Fifteen Cases of Extragenital Chancre Observed in 1900, 1901 and 1902."

On motion the meeting adjourned to 9 A. M. Wednesday.

SECOND DAY, May 18, 1904.

The meeting was called to order by the President at 9:30 A. M.

Address by the President, Dr. W. G. Moore, "The Possibilities of Medical Organization."

On motion a vote of thanks was extended to Dr. Moore.

SYMPOSIUM ON APPENDICITIS.

Dr. P. Y. Tupper, of St. Louis, "Catarrhal Appendicitis."

In the absence of Dr. Griffith, the discussion was opened by Dr. George Halley, of Kansas City, followed by Dr. O. B. Campbell, St. Joseph, and J. M. Allen, Liberty.

On motion of Dr. C. H. Wallace it was decided to have all the papers read, to be followed by the discussion of the various papers.

Seconded and carried.

Dr. Jacob Geiger, St. Joseph, "Suppurative Appendicitis."

Dr. Harvey Mudd, St. Louis, "Perforative Appendicitis."

Dr. W. M. McCandless, St. Louis, "Gangrenous Appendicitis."

Dr. C. Lester Hall, Kansas City, "Chronic Appendicitis."

Dr. Jabez N. Jackson, Kansas City, "Technique of Operation."

Discussion by Drs. O. B. Campbell, St. Joseph; Herman Tuholske, St. Louis, and C. M. Nicholson, St. Louis.

In the absence of Dr. W. F. Morrow, Kansas City, Dr. A. W. McAlester, Columbia, read his discussion of Dr. Morrow's paper, "State Medicine."

Discussion by Dr. J. M. Allen, Liberty; Dr. George Halley, Kansas City, and Dr. Herman E. Pearse, Kansas City.

On motion the meeting adjourned to 9 o'clock on Thursday.

THIRD DAY, May 19, 1904.

The meeting was called to order at 9:40 A. M., President Moore in the chair.

Dr. F. J. Lutz presented a memorial in honor of the late Dr. Williams, of Versailles.

Moved and seconded that a suitable set of resolutions be drafted.

Carried.

Moved and seconded that an informal ballot be cast for president.

Carried.

On motion the secretary cast the ballot of the association for Dr. Jabez N. Jackson.

Dr. Jackson expressed his thanks and appreciation of the honor that had been conferred upon him.

The scientific program for the day was then taken up and

Dr. John K. Broderick, St. Louis, read a paper entitled: "Some New Ideas and Conclusions Concerning the Extract of the Adrenal Body and its Therapeutic Value."

Dr. James Moores Ball, St. Louis, read a paper entitled: "The History of Medicine," which was illustrated with stereopticon views.

On motion a vote of thanks was extended to Dr. Ball for his very refreshing and interesting contribution to the program.

On motion of Dr. A. L. Fulton, Kansas City, the association endorsed the action of the Good Roads Association towards the end that they provide as far as possible the best roads to be had.

The president introduced Dr. Wm. M. McPheeters, the first to introduce

a resolution for state organization, who responded as follows:

"I thank you for your kind consideration and will only occupy your attention long enough to state how it was that this Missouri State Medical Association came into existence. In 1850 I attended the National Medical Association meeting in Cincinnati. Kentucky, Indiana, Illinois and the other neighboring states were well represented, but Missouri had only two representatives, one was Dr. J. B. Johnson and the other myself. There was then no state society and only one or two local societies. The St. Louis Medical Society was in active operation and on my return I introduced a resolution into the society to appoint a committee to send an invitation to every respectable member of the profession in the state to attend a meeting in this city in October for the purpose of forming a state association. The meeting was well attended and the association was formed. Dr. Thomas, of Boonville, was elected the first president and I had the honor to be the second president. The association continued in active operation until the breaking out of the civil war, when everything civil was suspended and everything uncivil was in vogue. It was reorganized after the war and has developed into the noble, intelligent assemblage which it is today, of which every medical man in the state has reason to be proud."

Dr. Thomas H. Lockwood, Butler, read a paper entitled, "Sex Formation and Determination."

Dr. Jacob Block, Kansas City, read a paper entitled, "Some Remarks on Renal Tuberculosis."

Dr. Herman E. Pearse, Kansas City, read a paper entitled, "A Contribution to the Study of Gall-Stone Disease."

Dr. Wm. H. Stauffer, St. Louis, read a paper entitled, "The Importance of Diagnosis of Diseases of the Rectum."

Dr. C. H. Wallace, St. Joseph, read a paper entitled, "The Management of Irreparable Crushed Extremities."

On motion, Dr. T. E. Potter, of St. Joseph, being obliged to leave the city, read his paper by title "Inflammation and Suppuration of the Frontal Sinus."

On motion, the meeting adjourned to meet at 9 A. M. Friday.

FOURTH DAY, May 20, 1904.

The meeting was called to order at 9:40 A. M., President Moore in the chair.

Dr. Spencer Graves, St. Louis, read a paper entitled, "Removal of Entire Rib (except head) *versus* Resection for Empyema."

The President introduced Dr. William Johnson, of St. Louis, who graduated in 1838, and Dr. Dixon, of Howell county, eighty years of age, who had practiced medicine for fifty-five years, and who is the President of the Howell County Medical Society. Dr. Robert Haley moved that they congratulate the two "boys" on their appearance at the meeting and invite them to come again.

Seconded and carried.

Dr. R. B. Fewel, Montrose, read a paper entitled, "La Grippe and Its Treatment."

Dr. John D. Seba, Bland, read a paper entitled, "Pneumonia."

Dr. Robert Barclay, St. Louis, read a paper entitled, "How to Cure, by a Novel Method, Hopeless Cases of Deafness and Discharge from the Ear"

Dr. J. C. Buckwalter, St. Louis, read a paper entitled, "A Plea for Early Exposure of the Mastoid Antrum and Cell in Persistent Acute Otitis Media Purulenta with Pain."

On motion of Dr. G. C. Crandall, Dr. S. E. Solley, of Colorado Springs, was invited to address the association. The subject on which he spoke was, "Climatology."

Dr. John Green, Jr., read a paper entitled, "The Treatment of Ocular Diseases by the X-Ray."

Dr. A. H. Meisenbach, St. Louis, read a paper entitled, "Splenectomy for Enlarged Spleen with Twisted Pedicle; Recovery; Report of a Case, with Specimen."

Dr. Given Campbell, St. Louis, read a paper entitled, "Treatment of Epilepsy."

Dr. Robert D. Haire, Clinton, read a paper entitled, "Scarlet Fever."

Dr. H. C. Shuttee, West Plains, read a paper entitled, "The Early Diagnosis of Pulmonary Tuberculosis."

Dr. J. T. Anderson, Warrensburg, read a paper entitled, "Pulmonary Tuberculosis, with Especial Reference to Its Early Diagnosis and Home Treatment; with Report of a Case."

Dr. Ernest H. Spooner, St. Louis, read a paper entitled, "Psycho-Therapeutics."

On motion, the meeting adjourned *sine die*.

MINUTES OF THE HOUSE OF DELEGATES.

FIRST DAY, May 17, 1904.

The House of Delegates convened at 12 o'clock, and was called to order by the President, Dr. W. G. Moore. The delegates present were:

Drs. E. S. Cave, Chas. F. Greene, Tinsley Brown, C. H. Christian, M. P. Overholser, I. D. Brummall, F. B. Hiller, H. Rowell, Chas. P. Hough, R. D. Haire, V. Q. Bonham, H. C. Shuttee, E. L. Chambliss, Jabez N. Jackson, E. H. Thrailkill, F. L. Cook, L. I. Matthews, John T. Anderson, T. C. Bulware, F. W. Burke, J. D. Seba, Thomas Chowning, W. S. Allee, J. B. Norman, F. R. Anthony, W. J. Ferguson, R. L. Johnson, S. Redman, James W. Smith, W. H. Wyer, W. G. Moore, R. M. Funkhouser, W. B. Dorsett, F. J. Lutz, A. R. Keiffer, W. F. Mitchell, E. E. Parrish, T. W. Cotton, I. M. Horn, N. E. Sutton, Sherman Mills, W. N. Keener, D. C. Gore and J. A. McComb.

The Secretary, Dr. C. M. Nicholson, read his report, and, on motion, it was accepted.

The report of the Publication Committee was made, and, on motion, was accepted.

The Report of the Committee on Scientific Work was made, and, on motion of Dr. Gore, a vote of thanks was extended to that committee for their services.

The Secretary presented the subject of publication of the transactions of the association in journal form. He stated that he had received letters from the secretaries of the various medical societies whose transactions are published in journal form, and all

agree that the expense of the publication of the transactions in journal form is not greater than the cost of publication of the volume of transactions. He stated that, estimating two thousand copies of a 48-page pamphlet journal be printed (which would admit of fifteen hundred being sent to the members and five hundred extra copies for prospective members), the net cost to the association for mechanical work would be \$1,500 a year for three years. After that time it is reasonable to suppose the journal will be self-supporting, so that it is probable the transactions can, after that date, be published without expense to the society.

The following resolution was presented to the House of Delegates:

WHEREAS, The General Assembly of the State of Missouri has appropriated one million dollars that the state might be properly represented in all its varied interests at the Exposition commemorating the Louisiana Purchase; and

WHEREAS, The medical profession of this state will have an exhibition of objects illustrating the causes and effects of diseases in man and the changes of development; and

WHEREAS, Such an exhibition will be a most important contribution to the exhibit demonstrating the educational opportunities of the state, and will be of incalculable benefit in diffusing knowledge among the people concerning matters involving the health of our citizens, and will therefore be conducive to their prosperity and happiness; and

WHEREAS, The committee of physicians having in charge said exhibits have petitioned the commissioners, to whom by statute is assigned the duty of applying the funds appropriated by the General Assembly, to set aside the sum of one thousand dollars to defray the expense of the above mentioned exhibit; and

WHEREAS, The Commission has still under consideration the request of the committee; therefore be it

Resolved, That the Missouri State Medical Association, in annual convention assembled, joins the committee and hereby presents to the commissioners that the small sum asked for by the physicians is in no proportion to the benefits which will accrue to this state by the exhibit and should be made in the interests of education and of the public health.

Resolved, That a copy of these resolutions, properly attested, be forwarded to the Commission and to the Governor, and that the Committee on Public Policy be requested to present them in person to the Commission and Governor.

(Signed) WM. G. MOORE, President.
C. M. NICHOLSON, Secretary.

On motion, a committee (consisting of Drs. F. J. Lutz, I. D. Brummall and Robert Funkhouser) was appointed to present the resolution to the Governor.

There being no further business, the House of Delegates adjourned to meet at 1 o'clock on Wednesday.

SECOND DAY, May 18, 1804.

The House of Delegates was called to order by the President at 1:15 P. M.

The minutes of the previous meeting were read and approved.

The Nominating Committee reported as follows, stating that the first four councillors were to be elected for two years, the second for three years, the third for four years, the fourth for five years:

District.

Councillors.

- 1st..F. B. Hiller, Kahoka.
- 2d..J. D. Brummall, Salisbury.
- 3d..E. H. Miller, Fayetteville.
- 4th..C. H. Wallace, St. Joseph.
- 5th..L. W. Dallas, Hunnewell.
- 6th..Woodson Moss, Columbia.
- 7th..W. B. Dorsett, St. Louis.
- 8th..F. J. Lutz, St. Louis.
- 9th..B. M. Hypes, St. Louis.
- 10th..J. J. Norwine, Poplar Bluff.
- 11th..W. S. Allee, Olean.
- 12th..R. D. Haire, Clinton.
- 13th..M.P.Overholser, Harrisonville.
- 14th..A. R. Snyder, Joplin.
- 15th..
- 16th..R. L. Johnson, Rolla.

The Nominating Committee reported as follows:

S. M. Brown, Monroe City, First Vice-President.

H. W. Latham, Latham, Second Vice-President.

T. E. Potter, St. Joseph, Third Vice-President.

W. S. Thompson, Armstring, Fourth Vice-President.

J. C. Rogers, Kansas City, Fifth Vice-President.

On motion the report was accepted.

The Secretary read a resolution from the St. Louis Medical Society as follows:

“Resolved, That this Society request the Missouri State Medical Association at its annual meeting next May, to take action on the question of bringing to

the notice of the medical profession of this state the importance of legislation by the next General Assembly for the repression of tuberculosis by providing for a special hospital or sanatorium for consumptive persons, under state control and support, and that physicians be urged to enlighten and instruct their legislative candidates, and all other aspirants for state offices, regarding the pressing necessity for such action for the more effectual protection of the public health against tuberculosis in its various forms."

On motion the resolution was referred to the Committee on Legislation.

The Secretary read a letter from Drs. Frank Allport and Paul Guilford, of 92 State street, Chicago, embodying a resolution presenting a plan for the systematic examination of the vision and hearing of school children.

On motion the resolution was adopted and referred to the Committee on Public Policy and Legislation.

Adjourned to meet on Thursday at 1 o'clock.

THIRD DAY, May 19, 1904.

The meeting was called to order at 1 o'clock, President Moore in the chair.

The minutes of the previous meeting were read and approved.

The Secretary reported that the Judicial Council had decided to publish the transactions of the association in the form of a monthly journal to be known as the *Journal of the Missouri*

State Medical Association, and that a committee had been appointed to be known as the Publication Committee, to conduct the publication of the journal, and that the journal would be sent monthly, free of cost, to the members, the regular price of the journal to be two dollars a year.

It was moved that none other than county societies, or hyphenated county societies be allowed to affiliate with the state association after this year.

Seconded and carried.

The Committee on Public Policy reported that they had been unable to locate the Governor and asked instruction regarding the presentation of the resolution asking for an appropriation to defray the expenses of the World's Fair exhibit.

It was moved that these resolutions be sent to Dr. Thorpe, of Jefferson City, with the request that he sign and present them to the Governor.

Seconded and carried.

On motion Dr. A. R. Kieffer was elected a delegate to the American Medical Association, to fill the vacancy occasioned by the expiration of the term of Dr. F. J. Lutz.

On motion Dr. M. P. Overholser, of Harrisonville, was elected alternate for Dr. Kieffer.

On motion Dr. C. Lester Hall, of Kansas City, was elected alternate for Dr. Jabez N. Jackson.

On motion Dr. Thomas Chowning, of Hannibal, was elected alternate for Dr. Dorsett.

Excelsior Springs was chosen as the next place of meeting.

On motion the meeting adjourned.

MINUTES OF THE JUDICIAL COUNCIL.

PRELIMINARY MEETING.

ST. LOUIS, May 16, 1904.

The meeting was called to order by the chairman, Dr. Jabez N. Jackson.

The Secretary was asked to make an informal report, which was done.

On motion the Secretary's report was accepted.

The Treasurer's report was made and referred to an Auditing Committee, consisting of Drs. E. S. Cave, J. J. Norwine and Robert Haley.

On motion Thursday, 19th, was chosen as the date for the election of a President.

There being no further business the meeting adjourned to Tuesday morning.

FIRST DAY, May 17, 1904.

The meeting of the Judicial Council was called to order at 12:45 P. M., Dr. W. G. Moore in the chair.

A report from the Councillors was called for.

First District.—Dr. W. B. Sisson being absent, Dr. Hiller reported that three counties—Clark, Scotland and Schuyler—had been organizing during the last year.

Second District.—Dr. Robert Haley, Councillor, stated that all counties in his district except Mercer had been organized.

Fourth District.—Dr. C. H. Wallace, Councillor, being absent, no report was made.

Fifth District.—Dr. L. W. Dallas, Councillor, reported that Macon, Shelby, Marion, Monroe and Randolph counties were organized and that but one county in his district—Ralls—was not in affiliation with the state organization.

Sixth District.—Dr. E. S. Cave, Councillor, stated that Montgomery, Warren and Pike counties were yet to be organized in his district.

Seventh District.—Dr. W. B. Dorsett being absent, there was no report from this district.

Eighth District.—Dr. F. J. Lutz, Councillor, reported that he had been to Gasconade and made an attempt to organize that county, but his efforts up to this time had not been successful.

Ninth District.—Dr. B. M. Hypes, Councillor, stated that he had done nothing during the past year, but that if he were the Councillor next year he would certainly organize St. Genevieve, Perry and Cape Girardeau counties.

A Committee on Nominations was appointed by President Moore, as follows:

Drs. E. H. Thrailkill, Kansas City; F. W. Burke, Laclede; S. Redman, Platte City; Thomas Chowning, Hannibal; V. Q. Bonham, New Franklin; F. J. Lutz, St. Louis; H. L. Reid, Charleston; William Carson, Shelbyville; D. C. Gore, Marshall, and J. B. Norman, California.

On motion of Dr. Lutz, Council adjourned to meet at 2 o'clock on Wednesday.

SECOND DAY, May 18, 1904.

The meeting of the Council was called to order at 2 o'clock by Dr. J. N. Jackson.

A report was called for from those Councillors who had been absent on Tuesday.

Third District.—Dr. E. H. Miller,

Councillor, being absent Dr. E. H. Allen reported that Dr. Miller had visited nearly every county in his district and had pushed the organization most thoroughly. He had made every effort to effect the organization as thoroughly as possible and promised to continue the work if he should be re-elected.

Seventh District.—Dr. W. B. Dorsett, Councillor, reported that St. Louis county had come into the organization about a year ago. They have about twenty-five members, hold regular meetings and are doing excellent work. He had accomplished nothing in Lincoln county. They have no society. St. Charles county has a local organization which has not as yet affiliated with the state association, but they will undoubtedly do so later.

Tenth District.—Dr. J. J. Norwine reported an organization in ten counties of his district. Those remaining unorganized were: Jefferson, Washington, Iron, St. Francois, Wayne Madison and Bollinger. Butler and Mississippi counties were organized about a year ago and the membership is growing rapidly. Carter and Reynolds have been organized, the membership numbers sixteen and they constitute the Current River Medical Society. The Secretary could not see the members in time to get the entire list, but they would be all enrolled as soon as the Secretary could see them. The members were active and interested in the society. Shannon county was organized and represented at the present meeting of the association. Iron will be organized at an early date. He thought Wayne county would not be hard to organize. Owing

to the high water it had not been possible to accomplish anything this year. New Madrid county has been organized. Madison and Bollinger counties cannot be organized. St. Francois and Stoddard counties can be organized. During the year he has organized five counties with a total membership of forty. He promised to continue the work and organize as many counties during the coming year as possible.

Eleventh District.—Dr. W. S. Allee, Councillor, reported that he had seven counties in his district and had organized six. He reported a membership of over sixty. Osage was the only county unorganized. The physicians in that county believe they belong to the McDowell District and think they can do more efficient work in connection with that society.

Twelfth District.—Dr. Ferguson being absent there was no report.

Thirteenth District.—Dr. J. N. Jackson, Councillor, reported Jackson and Cass counties organized. Some work had been done by Dr. Overholser in Cass county. In Jackson county they gave the members one week in which to settle their arrears, after which time, if arrears remained unsettled, the member would be suspended.

Fourteenth District.—Dr. A. R. Snyder, Councillor, being absent, Dr. Jackson reported for him. The name of the Joplin Academy of Medicine had been changed to the Jasper County Medical Society and a number of men have been added to the society. They are starting out with an efficient president and the indications are they will have a very excellent organization. Dr. Snyder has been doing good work.

Sixteenth District.—Dr. R. L. Johnson, Councillor, reported that Greene county has a district society, that Greene county, in which Springfield is located, is not in the Sixteenth District, and effectually cuts off the southern section of the district, so that organization is up-hill work. Phelps and Laclede counties are organized. The doctors of Crawford county have recently organized under the name of the Crawford County Medical Society. Pulaski county will come in without any special trouble.

Dr. J. M. Allen brought up the question of commercialism as it concerned his district especially. He said that it was demoralizing the community and was the most dangerous foe the profession had met. At a recent meeting of the physicians of Kansas City, Kansas, and Kansas City, Missouri, called for the purpose of taking action upon the matter, it was recommended that the question be agitated with the object of exposing the actions of such physicians to the medical profession. The penalty decided upon was exclusion from the local and state medical societies, and the following resolution was adopted:

“WHEREAS, It is generally recognized that there is a prevalent and growing evil consisting of the payment of percentages by specialists in the profession to the practitioner bringing them patients; and,

WHEREAS, We deplore the growing commercialism which permits the one to demand and the other to give commissions, and feeling that this tendency will rob the practice of its dignity as a profession, thus reducing it to the level of a trade; therefore, be it

Resolved, That we recommend the

agitation of this question in the various local and state societies with a view of exposing and condemning the evil, as well as providing the means or penalties to insure its discontinuance.

H. C. CROWELL, Pres.,
P. D. HUGHES,
GEORGE M. GRAY,
J. BLOCK, Committee.”

On motion the council adjourned to meet after the election of officers, on Thursday morning.

THIRD DAY, May 19, 1904.

The meeting of the Council was called to order at 10:30 A. M. Dr. C. H. Wallace was elected temporary chairman. On motion, Dr. F. J. Lutz, of St. Louis, was elected President of the Council for the ensuing year.

The matter of the publication of the transactions was then taken up.

Moved by Dr. Woodsou Moss, seconded by Dr. Overholser, that the Judicial Council publish in form of an independent monthly journal the proceedings of the Missouri State Medical Association.

Carried.

Moved by Dr. M. P. Overholser, seconded by Dr. Dallas, that a publication committee be appointed by Dr. Wallace, temporary chairman, and Dr. C. M. Nicholson, chairman of the Publication Committee, and given full power to act.

Carried.

The committee appointed—Dr. C. Lester Hall, Kansas City, Mo.; F. J. Lutz, St. Louis; Woodson Moss, Columbia; M. P. Overholser, Harrisonville; Robert T. Sloan, Kansas City, and L. A. Todd, St. Joseph.

Moved by Dr. B. M. Hypes, that

the following resolution be adopted:

Resolved, That after this session of 1904 the membership of the Missouri State Medical Association be limited to county societies and hyphenated county societies.

Seconded and carried.

Election of officers was then declared in order, and resulted as follows:

Secretary, C. M. Nicholson, St. Louis.

Assistant Secretary, E. J. Goodwin, St. Louis.

Treasurer, J. Franklin Welch, Salisbury.

D. J. J. Norwine reported for the auditing committee that the books of the Treasurer were in satisfactory condition.

On motion the report was accepted.

Moved and seconded, that Dr. Welch be instructed to secure bond for treasurer, also bond covering deposit while in bank.

Moved that two thousand copies of the President's Address be printed and distributed to the members of the profession not members of the association.

Seconded and carried.

On motion the meeting adjourned to Friday morning at 10:30.

FOURTH DAY, May 20, 1904.

The meeting was called to order at 10:30 A. M. by Chairman F. J. Lutz.

On motion, Drs. Lutz and Nicholson were instructed to make necessary inquiries, and, if thought advisable, incorporate the Missouri State Medical Association.

On motion of Dr. Overholser the bill of Dr. Dallas, for \$15.50 was allowed and ordered paid.

On motion the bill of Miss Edith Strong of \$10 per day, for four days, in part payment of reporting the proceedings, was allowed and ordered paid.

Reports were received from Officers and Committees as follows:

REPORT OF SECRETARY MISSOURI STATE MEDICAL ASSOCIATION.

To the President and Members of the Missouri State Medical Association:

GENTLEMEN—I have the honor of making the following report for the year just ended:

In accordance with the instructions of the House of Delegates of the society, I ordered, through the American Medical Association, a cabinet and 7,000 cards, that an alphabetical list of the physicians of the state might be made. Roster blanks furnished through the American Medical Association were sent to the secretary of each society, and as each returned roster was received by me the list was copied by the stenographer and returned to the secretary of the society for correction. After being corrected by the secretary of the county society each physician, whether a member or not, was given a card in the cabinet, where the cards were arranged alphabetically by counties. The secretaries of the various societies and county clerks have usually responded to requests for lists of physicians, so that altogether the index of the state association includes more than 5,900 names.

Blanks for memoranda for permanent record were sent to a large number of members, and nearly 1,000 have responded, so that we now have

not only the names and addresses, but the autobiography of most of the members of the State Medical Association.

Packages of model constitutions, roster blanks, blanks for permanent record, blank application for membership and application for charter have been sent to the secretaries of all county societies as well as to the councillors of each district.

Charters have been issued to the following societies now in affiliation with the state association: Audrain, Boone, Buchanan, Butler, Caldwell, Callaway, Camden, Cass, Chariton, Clay, Clark, Cole, Daviess, Henry, Holt, Howard, Howell, Jasper, Johnson, John T. Hodgen, Laclede, Linn, Macon, Marion, Miller, Mississippi, Moniteau, Morgan, Nodaway, Pettis, Platte, Putnam, Randolph, Reynolds, Rolla district, Schuyler, St. Clair, St. Louis and Sullivan.

Press copies of all letters written from the secretary's office (1,569) have been made, and are here for inspection by the members of the association.

The following is a recapitulation of the work of the office:

Number of letters written.....	1,569
Number of circular letters mailed	1,400
Number of packages mailed....	105
Number of special delivery letters	6
Number of charters sent to societies.....	39
Number of packages expressed..	5
Number of telegrams sent.....	4

The expenses of the office were as follows:

Two-cent stamps for mailing (1,569) letters.....	\$31.38
--	---------

One-cent stamps for mailing circular letters.....	14.00
Two-cent stamps used by committee on scientific work....	7.00
Stamps for mailing 105 packages.....	11.32
Stamps for special delivery...	.60
Stamps for mailing charters...	.78
Telegrams.....	1.60
Express.....	2.20
Total	\$68.88

Respectfully submitted,
C. M. NICHOLSON,
Secretary.

REPORT OF COMMITTEE ON SCIENTIFIC WORK.

To the President and Members of the State Medical Association:

GENTLEMEN—Two months ago your committee on program sent out fourteen hundred (1,400) invitations to members of the association and others to take part in the scientific work at the annual meeting (1904), to which there were seventy-six (76) responses.

Five thousand (5,000) copies of a forty-eight (48) page program, containing a full list of the members of the association, with their addresses, was ordered printed. The cost of printing and binding was \$164.00, addressing and mailing \$2.00, fifteen hundred (1,500) two-cent stamps \$30.00; total \$196.00. Amount received from advertisers \$196.30.

Not only is the program presented to you without cost, but there has been turned over to the treasurer by your committee a balance of thirty (30) cents.

The committee desires to express its thanks to Dr. E. J. Goodwin, the As-

sistant Secretary, for valuable services in the preparation of the program.

C. M. NICHOLSON,
Chairman.

REPORT OF PUBLICATION COMMITTEE.

To the President and Members of the State Medical Association:

GENTLEMEN — Your committee on publication hereby makes the following report:

Of the fifty-four papers read at our last annual meeting, fifty-one were placed in the hands of the publishing committee. Immediately upon receipt from the official stenographer of the discussions which followed the reading of the papers, your committee sent to each participant a type-written copy of his reported remarks, with the request that he correct it for publication.

For the past year the total expenses for printing, binding and mailing 1,300 copies of the transactions were \$983.10, making each volume cost 90 cents. The lowest bidder's charge for typesetting and printing was as follows: Small pica, \$1.30 per page; brevier, \$1.80 per page; binding in cloth, 20 cents per number.

Thirteen hundred (1,300) copies were ordered printed, each of 476 pages. Including stamps for mailing, the expense incurred by your committee was \$1,167.50.

Eleven hundred and ninety (1,190) of the volumes were delivered to members, eighty-four (84) to the various state medical societies and public libraries of the country.

C. M. NICHOLSON,
Chairman.

TREASURER'S ACCOUNT WITH THE MISSOURI STATE MEDICAL ASSOCIATION.

CASH RECEIVED.

1903.

Amount forward.....	\$ 344 24
1 March 18, Howard county.....	32 00
2 " 27, Chariton county.....	42 00
3 " 27, St. Louis county.....	40 00
4 " 19, Putman county.....	26 00
5 " 23, Linn county.....	54 00
6 " 27, Henry county.....	54 00
7 April 2, Cass county.....	54 00
8 " 10, Sullivan county.....	12 00
9 " 10, Platte county.....	28 00
10 " 11, Monroe county.....	30 00
11 " 12, Saline county.....	10 00
12 " 12, St. Clair county.....	8 00
13 " 12, John McDowell, M. S.....	78 00
14 " 14, Daviess county.....	22 00
15 " 14, J. T. Hodgen, M. S.....	48 00
16 " 14, Boone county.....	54 00
17 " 15, Carroll county.....	32 00
18 " 16, Laclede county.....	16 00
19 " 16, Johnson county.....	50 00
20 " 17, Macon county.....	36 00
21 " 17, Holt county.....	34 00
22 " 18, Audrain county.....	28 00
23 " 19, Clay county.....	42 00
24 " 19, McDowell district.....	18 00
25 " 19, Calloway county.....	32 00
26 " 19, Grundy county.....	26 00
27 " 19, Phelps county.....	22 00
28 " 19, Jackson county.....	324 00
29 " 20, No. Mo. Med. Ass'n.....	16 00
30 " 20, Joplin Ac. Med. Ass'n.....	44 00
31 " 20, Mississippi county.....	16 00
32 " 20, Butler county.....	18 00
33 " 20, Caldwell county.....	22 00
34 " 20, Buchanan county.....	84 00
35 " 21, Nodaway county.....	54 00
36 " 21, Pettis county.....	62 00
37 " 21, Northeast Missouri.....	18 00
38 " 21, St. Louis, Mo.....	650 00
39 " 21, Livingston county.....	30 00
40 " 21, Atchison county.....	8 00
41 " 21, Ray county.....	26 00
42 " 22, Graud River.....	2 00
43 " 23, Cash from Dr. Bogard.....	5 00
44 May 25, Cash from Dr. Bogard.....	20 00

\$2,671 24

1903.	DISBURSEMENTS.			Nov. 13.	Dr. C. M. Nicholson, Frt...	1 59
April 21,	Dr. C. M. Nicholson	\$	38 44	" 13,	Globe War. Co.	38 90
" 22,	Dr. Frank J. Lutz		3 80	" 13,	Reliance Co-op. Co.	19 50
" 23,	T. N. Bogardt, CCA		73 70	" 13,	Buxton & Skinner	5 25
" 24,	Dr. H. W. Loeb		44 00	" 13,	Spalding St. Co.	1 50
" 24,	Commercial Pr. Co		59 90	Dec. 3,	Spalding St. Co.	1 00
May 14,	Mod. Printing Co		1 50	" 3,	Modern Printing Co	2 75
" 24,	Dismuke & Son, Pres		2 50	" 31,	Dr. C. M. Nicholson	125 00
" 30,	J. G. Gallimore, Pr		3 50	" 31,	Cash on hand	770 75
June 6,	Modern Printing Co		10 75			
" 6,	Dr. E. J. Goodwin		110 00			\$2,671 24
July 11,	Nat'l Surety Bond Co		15 00		J. F. WELCH,	
" 11,	Stamps and Stenog		35 00		Salisbury, Mo.	Treasurer.
Aug. 7,	Dr. C. M. Nicholson		164 35		We, the committee, have examined the	
" 7,	Modern Printing Co.		10 00		above report of the treasurer, and find it cor-	
" 7,	Nixon-Jones Printing Co.		983 10		rect.	J. J. NORWINE,
" 29,	Dr. C. M. Nicholson, AMA		31 00			ROBT. HALEY,
" 31,	Dr. C. M. Nicholson		100 00			E. S. CAVE,
Sept. 12,	Dr. C. M. Nicholson		18 46			Committee.

JOURNAL

MISSOURI STATE MEDICAL ASSOCIATION

The official organ of the State Association and Affiliated County Societies. Published monthly under the supervision of the Publishing Committee.

PUBLICATION OFFICE, 534 N. VANDEVENTER AVE.

VOL. I.

JULY, 1904.

No. 1.

PUBLICATION COMMITTEE.

C. M. NICHOLSON, Editor and Chairman.

ASSOCIATE EDITORS.

C. LESTER HALL,
F. J. LUTZ,

WOODSON MOSS,
M. P. OVERHOLSER,

ROBERT T. SLOAN,
L. A. TODD.

REPORTERS OF COUNTY SOCIETIES.

ATCHISON COUNTY—A. McMichael, M. D., Rockport.
AUDRAIN COUNTY—C. A. Rothwell, M. D., Mexico.
BOONE COUNTY—J. M. Fisher, M. D., Columbia.
BUCHANAN COUNTY—Chas. Wood Fassett, M. D., St. Joseph.
BUTLER COUNTY—J. J. Norwine, M. D., Poplar Bluff.
CALDWELL COUNTY—Tinsley Brown, M. D., Hamilton.
CALLAWAY COUNTY—M. Yates, M. D., Fulton.
CAMDEN COUNTY—G. T. Myers, M. D., Macks Creek.
CARROLL COUNTY—R. F. Cook, M. D., Carrollton.
CASS COUNTY—J. S. Triplett, M. D., Harrisonville.
CHARITON COUNTY—C. A. Jennings, M. D., Salisbury.
CLARK COUNTY—A. C. Bridges, M. D., Kahoka.
CLAY COUNTY—F. H. Matthews, M. D., Liberty.
COLE COUNTY—G. Ettmueller, M. D., Jefferson City.
CURRENT RIVER—Frank Hyde, M. D., Eminence.
DAVISS COUNTY—M. A. Smith, M. D., Gallatin.
GRUNDY COUNTY—Everett Allen, M. D., Hickory.
GASCONADE COUNTY—
HENRY COUNTY—F. M. Douglas, M. D., Clinton.
HOWARD COUNTY—C. W. Watts, M. D., Fayette.
HOWELL COUNTY—H. C. Shutte, M. D., West Plains.
HOLT COUNTY—W. C. Proud, M. D.
JACKSON COUNTY—E. L. Chambliss, M. D., Kansas City.
JASPER COUNTY—C. C. Cummings, M. D., Joplin.
JOHNSON COUNTY—E. H. Gilbert, M. D., Warrensburg.
JOHN T. HODGEN DISTRICT—H. A. Rhoades, M. D., Foster.
LACLEDE COUNTY—J. A. McComb, M. D., Lebanon.

LINN COUNTY—D. F. Howard, M. D., Brookfield.
LIVINGSTON COUNTY—H. M. Grace, M. D., Chillicothe.
MCDONALD COUNTY—M. L. Sellers, M. D., Anderson.
MACON COUNTY—A. B. Miller, M. D., Macon.
MARION COUNTY—H. L. Banks, M. D., Hannibal.
MARIES COUNTY—Otto N. Schudde, M. D., Vienna.
MILLER COUNTY—G. D. Walker, M. D., Eldon.
MISSISSIPPI COUNTY—W. P. Howle, M. D., Charleston.
MONTAUK COUNTY—J. B. Norman, M. D., California.
MONROE COUNTY—W. B. A. McNutt, M. D., Monroe City.
MORGAN COUNTY—John T. Beale, M. D., Versailles.
NODAWAY COUNTY—F. R. Anthony, M. D., Maryville.
PETTIS COUNTY—W. S. Shirk, M. D., Sedalia.
PHELPS COUNTY—S. L. Baysinger, M. D., Rolla.
PLATTE COUNTY—G. C. Coffey, M. D., Farley.
PUTNAM COUNTY—J. A. Townsend, M. D., Unionville.
RANDOLPH COUNTY—D. A. Barnhart, M. D., Huntsville.
RAY COUNTY—C. B. Shotwell, M. D., Richmond.
REYNOLDS COUNTY—T. W. Chilton, M. D., Corridon.
SALINE COUNTY—D. E. Bell, M. D., Marshall.
ST. CLAIR COUNTY—E. D. Miles, M. D., Osceola.
ST. LOUIS—T. A. Hopkins, M. D., St. Louis.
ST. LOUIS COUNTY—H. G. Wyer, M. D., Kirkwood.
SCHUYLER COUNTY—H. E. Gerwig, M. D., Downing.
SCOTLAND COUNTY—O. F. Pile, M. D., Memphis.
SHELBY COUNTY—L. W. Dallas, M. D., Hunnewell.
SULLIVAN COUNTY—G. S. Milnes, M. D., Milan.

EDITORIAL.

With this issue the JOURNAL OF THE MISSOURI STATE MEDICAL ASSOCIATION makes its bow to the profession of Missouri. During past years the transactions of the State Association have been published in a single volume. This has not been altogether satisfactory, hence the advent of the JOURNAL.

The JOURNAL will publish the transactions of the State Association, and,

in addition, the transactions of affiliated county societies. A further object of the JOURNAL will be to cement into closer relationship the medical fraternity of Missouri.

Up to 1903, at which time the Association was reorganized, the membership was between two and three hundred. Since that time more than a thousand new members have been added, and, with the assistance of the

JOURNAL, the membership should be increased to at least three thousand within the next three years.

The Committee on Publication look forward to the co-operation of the physicians of the state to enable the JOURNAL to reach the high standard of excellence it will be the aim of the committee to maintain. C. M. N.

THE ST. LOUIS MEETING—LARG- EST ATTENDANCE ON RECORD.

The forty-seventh annual meeting of the Missouri State Medical Association at St. Louis was one of the most satisfactory in the history of the association. The report shows that altogether 507 members were registered, which was probably 40 per cent. more than registered at any preceding meeting. The weather was cool and pleasant and having only morning sessions the members were enabled to spend the afternoons at the World's Fair. Hotel accommodations were abundant and rates reasonable. The large hall at the Y. M. C. A. building in which the regular sessions were held, the small hall which was turned over to the exhibitors and the parlors on the second floor in which the House of Delegates and Judicial Council held their meetings, were all especially adapted for the purpose. The Judicial Council held a preliminary meeting on Monday evening and received the reports of the Secretary and Treasurer. On Tuesday morning an address of welcome was delivered by Mr. Chas. P. Hornsby, president of the City Council. The scientific program was especially excellent. Wednesday afternoon the members enjoyed an auto-

mobile ride through Tower Grove and Forest Parks and the residence portion of the city. The reception held at the Missouri Building at the World's Fair on Friday evening was a most successful event. C. M. N.

MEMBERS IN GOOD STANDING.

On pages 37 to 56 of this issue will be found the names of all members in good standing, of affiliated county societies, therefore a complete roster of members of the State Medical Association. No physician in Missouri who is not a member of an affiliated county society (by virtue of which he becomes a member of the Missouri State Medical Association) is eligible to membership in the American Medical Association.

THE PATENT MEDICINE CURSE.

Mr. Edward Bok, in the May issue of the *Ladies' Home Journal*, has made an appeal to the W. C. T. U. to inaugurate a fight against patent medicines because of the alcohol they contain. This article, appearing in a journal having an immense circulation among women, will probably have a good effect, in overcoming the "patent medicine habit." In this article an analysis of "Doctor Pierce's Favorite Prescription," made by the well-known German chemist, Hager, and published in Hahn's *Geheimmittel*, is given and as a result the R. V. Pierce Company has brought suit against the *Ladies' Home Journal* for \$200,000.00. Whether the filing of this suit is purely for the purpose of advertising, we do not know, but think it probable the case will never reach the courts. The following percentages of alcohol in the patent

medicines named are given by the Massachusetts State Board Analyst in the published document No. 34:

THE ALCOHOL IN "PATENT MEDICINES."		Per cent. of alcohol (by volume.)
Lydia Pinkham's Vegetable Compound	20.6	
Paine's Celery Compound...	21.	
Dr. Williams' Vegetable Jaundice Bitters	18.5	
Whiskol, "a non-intoxicating stimulant"	28.2	
Colden's Liquid Beef Tonic, "recommended for treatment of alcohol habit"	26.5	
Ayer's Sarsaparilla.....	26.2	
Thayer's Compound Extract of Sarsaparilla.....	21.5	
Hood's Sarsaparilla.....	18.8	
Allen's Sarsaparilla.....	13.5	
Dana's Sarsaparilla	13.5	
Brown's Sarsaparilla.....	13.5	
Peruna	28.5	
Vinol, Wine of Cod-Liver Oil.	18.8	
Dr. Peter's Kuriko.....	14.	
Cart's Physical Extract.....	22.	
Hooker's Wigwam Tonic....	20.7	
Hoofland's German Tonic....	29.3	
Howe's Arabian Tonic, "not a rum drink"	13.2	
Jackson's Golden Seal Tonic.	19.6	
Mensman's Peptonized Beef Tonic.....	16.5	
Parker's Tonic, "purely vegetable"	41.6	
Schenck's Seaweed Tonic, "entirely harmless".....	19.5	
Baxter's Mandrake Bitters....	16.5	
Bokers Stomach Bitters.....	42.6	
Burdock Blood Bitters.....	25.2	
Greene's Nervura	17.2	
Hartshorn's Bitters.....	22.2	
Hoofland's German Bitters, "entirely vegetable"	25.6	
Hop Bitters	12.	
Hostetter's Stomach Bitters..	44.3	
Kaufman's Sulphur Bitters, "contains no alcohol" (as a matter of fact it contains 20.5 per cent. of alcohol and no sulphur).....	20.5	
Puritana	22.	
Richardson's Concentrated Sherry Wine Bitters.....	47.5	
Warner's Safe Tonic Bitters..	35.7	
Warren's Bilious Bitters....	21.5	
Faith Whitecomb's Nerve Bitters.....	20.3	

NEWS ITEMS.

YE ANCIENT DOCTOR.

Sir Arthur Conan Doyle practiced medicine before he began to write, and in one of his scrapbooks he has a newspaper advertisement that he cherishes because it shows well the low standing of many doctors in the eighteenth century. Sir. Arthur clipped the advertisement from a newspaper of the year 1787. It reads:

"Wanted, for a family not blessed with good health, a sober, discreet and steady person to act in the capacity of doctor and apothecary. He must often act also as a steward and butler, and occasionally dress hair and wigs. He will be required to read prayers and sometimes, on wet Sundays, to preach a sermon or two. A good salary will be paid, and a pref-

erence will be given to such an one as, besides the above qualifications, can mend clothes."—*Daily Medical Journal*.

RESULT OF A PHYSICIAN'S EFFORT TO COLLECT A BILL.

A certain physician living in the northern part of Nebraska recently sent a bill for services rendered, and a few days after received his bill back, indorsed as follows:

"Dear Sir—This notice was put in my box and opened by mistake. The party has been dead for about three months, and is no relation to me whatever. It is strange how a doctor's conscience will allow him to dun the dead. You must live a better Christian life, and live and let live, and try and meet this lady in heaven, which is worth more than \$41.50 to any doctor. Respectfully, ———." —*New York State Journal of Medicine*.

BILL TO REGULATE "PATENT MEDICINES."

A bill has recently been introduced in the legislature of Massachusetts providing for the regulation of the nostrum business. This proposed measure requires that the formula of the "patent" medicine be printed on the label of each container, and provides a fine of 50 cents for each original package not so labeled. Only extracts from the proposed law have thus far reached us, but it seems to offer some excellent suggestions. Of course, the law should be so constructed as to omit physicians' prescriptions, but, with that exception, it would seem desirable to compel all manufacturers of anything intended to be used as medicine, in its broad

sense (any substances employed in the treatment of disease), to advertise just what the so-called medicine is composed of. That such a requirement will be bitterly fought by the enormous interests invested in the trade of debauching humanity is certain. But with a good, strong organization could not the weight of this influence be offset? It certainly would seem almost time to begin the effort, for it will doubtless take a good deal of time to put it through. —*California State Journal of Medicine*.

LIABILITY FOR NEGLECT OF PATIENT DURING VACATION.

The First Appellate Division of the Supreme Court of New York says, in the case of Gerken vs. Plimpton, that a physician who undertakes the treatment of a patient is bound to exercise not only the skill required, but also care and attention, in attending his patient until he notifies the patient that his professional relations are terminated. A physician and surgeon engages to bring to the treatment of his patient care, skill and knowledge; and while, when exercising these, he is not responsible for mere errors in judgment, he is chargeable with the knowledge of the probable consequences of an injury, or of neglect in its treatment, or unskillful treatment. And when a physician is employed to attend upon a sick person his employment continues while the sickness lasts, and the relation of physician and patient continues, unless it is put an end to by the assent of the parties, or is revoked by the express dismissal of the physician. Here, a physician and surgeon, whose qualifications as such were conceded,

was called in as a surgeon in connection with a physician who was first summoned, who did not consider himself competent to treat a case of the kind, to treat fractured left arm. As a surgeon, the court says: he undoubtedly undertook the case, and in doing so assumed to give it the care and attention required. He put the arm in splints, and directed the patient to carry it in a sling. Thereafter, for about six weeks, he attended the case, and all of the physicians called as witnesses united in saying that the method of treatment adopted till then was proper. Then, however, he went away for a vacation. The bones had not yet united. But when he returned, after five weeks' absence and again examined the arm, he found that the bones had slipped from their position, overlapped, and in this position formed a union. He testified that, prior to his leaving, he told the patient that he was going away on his vacation for two or three weeks, and that, if she desired him to call again, she must send for him. Her testimony was that he stated that he was going away for a vacation, and that he would be back again within

ten days or two weeks, and in the meantime directed her to keep her arm in the sling. Under all the circumstances, the court thinks that the jury was justified in finding, if it believed the patient's version of that interview, that the doctor had been negligent in the discharge of his duties which he had assumed in relation to this patient. The jury returned a verdict in her favor for \$2,000, which was reduced by stipulation to \$500 to avoid a new trial being granted by the judge, who considered the amount of the verdict excessive. And whatever may be said of the original verdict of \$2,000, the Appellate Division thinks it quite evident that \$500 was not excessive, especially when there was no evidence tending to show that the only practicable treatment at that time was to fracture the bones where the union had taken place, and then wire the bones in their proper position, and that the reasonable value for such an operation would be \$500, after which the patient would be in the position she was when the doctor left for his vacation, but with no certainty that there would be a union of the bones.—*Medico-Legal Bulletin*.

COUNTY SOCIETY NOTES.

HOWARD COUNTY MEDICAL SOCIETY.

The Howard County Medical Society held its regular meeting June 14th, President Paul C. Smith in the chair. Reports of the annual meeting of the Missouri State Medical Association at St. Louis were made, and the work highly complimented. Dr. C. M. Nicholson received a vote of

thanks for the able manner in which the affairs of the Secretary's office had been conducted. Dr. Bingham, of New Franklin, reported a case of scarlet fever. A general discussion followed. Dr. Watts, of Fayette, reported the case of a boy ten years of age, with punctured wound of the foot from a nail. He urged the necessity in all such cases of thoroughly

opening and washing out the wound, adding that as the bacillus of tetanus is anerobic, such treatment will lessen the dangers of lockjaw.

PUTNAM COUNTY.

Putnam County Medical Society held their regular meeting on June 8th, with President I. F. Noel in the chair. Officers for the ensuing year were elected as follows: President, C. H. Carrier; Vice-President, J. E. McCuthen; Secretary, James A. Townsend; Treasurer, Lee Haynes. Application of Dr. W. A. Berry, Rush Medical College, 1903, received. All papers held over for next meeting. Adjourned to meet first Wednesday in July.

JAMES A. TOWNSEND, Reporter.

HENRY COUNTY.

The Henry County Medical Society met in regular session at Clinton, June 8th, Dr. J. M. Miller presiding. Dr. F. M. Douglas, of Clinton, was elected reporter for the society. After the usual preliminary business, Dr. Gibbons reported a case of face presentation, twenty-four hours in labor when he was called; parts found rigid and undilated. Version was performed under complete anesthesia. The doctor ventures the assertion that in all such cases chloroform anesthesia should be pushed to the surgical degree. Dr. Gibbons also reported a case of spontaneous transverse fracture of the right tibia occurring in a man forty-five years of age while walking slowly along a level, smooth pavement. Seven years previous the patient had sustained a fracture of the surgical neck of the right femur while alighting from a

buggy. Skiagraphs showing the present condition of the parts added greatly to the interesting features of the case.

F. M. DOUGLAS, Reporter.

MISSISSIPPI COUNTY.

The regular meeting of the Mississippi County Medical Society was held at Charleston, Monday evening, June 4th. Society called to order by President Dr. A. W. Chapman. After reading the minutes of the preceding meeting and the appointment of Dr. W. P. Howell as reporter of the society, the evening was spent in listening to a brief report of the annual meeting of the Missouri State Medical Association by Dr. H. L. Reid, Secretary of the Mississippi County Medical Society. He stated that no one except a member in good standing in the county society was eligible to membership in the Missouri Medical Association or in the American Medical Association. The subject of "oil wells" was brought to the attention of the association by a letter from F. Sivelley, of Kansas City, asking the doctors to buy shares in the "Physicians and Surgeons' Oil Company." Notwithstanding the fact that it is championed by members of the State Board of Health and State Medical Association, the doctors of Mississippi county are not favorably impressed with oil speculation. Several have parted with their hard-earned cash, and hold in exchange worthless shares of stock. Mississippi county heartily indorses the change in publication of the transactions from a single volume to the monthly journal.

W. P. HOWELL, M. D., Reporter.

ST. LOUIS MEDICAL SOCIETY.

June 4, 1904.

The society was called to order at 8:40, President Hypes in the chair.

The minutes of the previous meeting were read and approved.

The following physicians were elected to membership, they having submitted the required credentials and having been approved by the Elections Committee:

Dr. Carl Althans, 2848 Accomac street, graduated from the Washington University.

Dr. Fred. W. Bailey, City Hospital, graduated from St. Louis University.

Dr. P. H. Griffin, 2730 Washington avenue, graduated from Missouri Medical College.

Dr. E. H. Johnson, 2507 N. Spring avenue, graduated from Barnes Medical College.

Dr. F. H. Rosebrough, Grand and Bell, graduated from St. Louis University.

The name of Dr. C. H. Shutt was proposed for membership by Drs. King and T. A. Hopkins and was referred to the Elections Committee.

A letter from the Secretary of the State Association, relative to the society editor for the *State Journal*, was read. On motion of Dr. Homan the society elected Dr. T. A. Hopkins to the position.

PROGRAM.

SYMPOSIUM ON VALVULAR DISEASE OF THE HEART.

1. "Pathologic Specimen," Dr. Louis H. Behrens.

2. "Bacteriology of Valvular Disease," Dr. R. B. H. Gradwohl.

3. "Medical Treatment," Dr. Walter Baumgarten.

4. "Dietetic and Physical Treatment," Dr. A. E. Taussig.

5. "Valvular Disease Considered from a Surgeon's Standpoint," Dr. H. L. Nietert.

Dr. L. H. Behrens presented five pathologic specimens as an introduction to the subject. The specimens were of exceptional interest and contributed largely to the interest in the remainder of the program. Each specimen merits attention beyond our space. One of mitral stenosis was especially of interest, because of a calcareous deposit in the valve and a stenosis so great that the lumen would barely admit the introduction of a darning needle.

Dr. Walter Baumgarten considered the various medicinal remedial agents, considering those which he had found of value in detail.

Dr. A. E. Taussig considered dietetic and hygienic treatment, giving especial attention to the bath treatment as conducted at Nauheim and explaining his adaptation of the treatment to St. Louis conditions.

Drs. Gradwohl and Nietert being absent, their papers were necessarily omitted.

The subject of the evening was discussed by Drs. Shattinger, Boisliniere, Hypes, Behrens, Baumgarten and Taussig.

The society adjourned at 10:15.

T. A. HOPKINS, Reporter.

CASS COUNTY.

The Cass County Medical Society meet at Harrisonville, June 2, 1904. The meeting was called to order by the President, Dr. T. W. Adair. Minutes

of preceding meeting were read and approved. Dr. J. S. Triplett of Harrisonville was elected reporter of the society. The applications of Drs. L. M. Wood, Pleasant Hill, and F. R. Morley, Harrisonville, were read by the secretary. In order that the applicants might receive the first issue of the JOURNAL OF THE MISSOURI STATE MEDICAL ASSOCIATION, on motion of Dr. H. Jerald, of Pleasant Hill, the rules of order of the society were suspended, and after favorable report by Dr. M. P. Overholser, Harrisonville, Chairman of the Board of Censors, the applicants were voted upon separately and each unanimously elected to membership. Dr. G. W. Farrow presented a patient, male, thirty-five, in good health with negative family history, from whom two years ago a parotid growth of six years' duration, about the size of a hen's egg, was removed by operation. The growth recurred in the same location and is now somewhat larger than the tumor removed two years ago. The doctor advised a second operation. A paper, "Dislocations and Methods of Reduction," by Dr. G. W. Farrow, of East Lynne. Discussions by Drs. Jerald, Elder and Overholser. A paper, "Lymphatic Leukamia," was read by D. M. P. Overholser, of Harrisonville, who also reported a case demonstrating the pathology of this rather rare disease by a beautifully prepared blood film. The paper was discussed by Drs. Jarard and Triplett.

The case presented was as follows:

The stained-blood specimen, now under the microscope for your examination, is from a girl thirteen years

of age who recently died of the lymphatic variety of leukemia. By examining the specimen under the microscope, you will see that the small mononuclear leucocytes, which are stained blue, are nearly as numerous, in some of the fields, as the erythrocytes or red-blood corpuscles.

A count of the red cells in this case showed that there were 1,668,000 to the cubic millimeter. Unfortunately no count was made of the white cells or lymphocytes, but judging from relative proportion of the white and red cells, as seen in the stained specimen, the lymphocytes in this case must have reached the enormous number of perhaps seven or eight hundred thousand to the cubic millimeter. No normoblasts, megaloblasts or myelocytes were found in the blood specimens from this patient. The percentage of hemoglobin was 28 per cent.

The clinical symptoms were also quite well marked, but not sufficient of themselves on which to base a positive diagnosis. Aside from the plain evidences of grave anemia, however, the patient had hematuria, subcutaneous hemorrhages, hemorrhagic gingivitis, enlarged cervical and supra-clavicular glands and some enlargement of the spleen, which could be plainly felt by palpation.

She was first seen by her physician in February, who at once placed her on tonics and arsenic. In spite of the tonics and chalybeate treatment, however, the anemia continued in progress and the tendency to hemorrhages kept increasing until she suddenly died several weeks ago.

J. S. TRIPLETT, Reporter.

OFFICIAL ROSTER
MISSOURI STATE MEDICAL ASSOCIATION

ORGANIZED 1857

OFFICERS AND MEMBERS OF THE FIFTY-FOUR AFFILIATED COUNTY SOCIETIES.

ATCHISON COUNTY.

E. E. RICHARDS, President. A. McMICHAEL, Secretary.
J. A. POSTELWAITE, Vice-Prest. J. A. HUNTER, Treasurer.

Members.

A. McMichael, Rockport. W. R. Strickland, Rockport.
J. A. Postelwaite, Tarkio. J. A. Hunter.
E. E. Richards, Tarkio.

AUDRAIN COUNTY.

Dr. C. T. VERNON, President. Dr. C. A. ROTHWELL, Sec.-Treas.
Dr. M. E. CRAWFORD, V.-Prest. Dr. E. S. CAVE, Delegate.

Members.

Alford, R. L., Vandalia. Flynt, J. F., Molino.
Bland, W. W., Vandalia. Lofton, E. A., Laddonia.
Bland, B. L. S., Vandalia. Parrish, J. C., Vandalia.
Berry, Robert W., Mexico. Rodes, N. R., Mexico.
Cave, E. S., Mexico. Rothwell, C. A., Mexico.
Crawford, M. E., Mexico. Terril, J. O., Vandalia.
Cornett, W. E., Worchester. Vernon, C. T., Mexico.
Douglass, W. H., Benton City. Wallace, J. E., Gantt.
McCall, W. K., Worchester.

BOONE COUNTY.

Dr. R. S. AUSTIN, President. Dr. J. M. FISHER, Sec.-Treas.
Dr. GUY L. NOYES, Vice-Prest. Dr. J. E. THORNTON, Treasurer.

Members.

Austin, R. S., Hallsville. McAllister, W. A., Centralia.
Bysfield, F. B., Rochepont. McComas, A. R., Sturgeon.
Calvert, W. J., Columbia. Miller, W. McNab, Columbia.
Connoway, J. W., Columbia. Moore, T. E., Columbia.
Corlew, J. L., Columbia. Moss, Woodson, Columbia.
Detweiler, A. J., Columbia. Myer, Max, Columbia.
Douglass, W. H., Columbia. Newman, C. W., Hinton.
Fisher, J. M., Columbia. Norris, W. A., Columbia.
Gentry, E. N., Sturgeon. Noyes, Guy L., Columbia.
Good, C. A., Columbia. Richards, T. C., Browns Station.
Gordon, Jas., Columbia. Thornton, J. E., Columbia.
Hopper, R. L., Columbia. Walter, W. F., Englewood.
Jackson, C. M., Columbia. Wallace, E. J., Centralia.
Jordon, J. E., Hallsville. Wren, J. A., Woodlandville.
McAlester, A. W., Columbia.

BUCHANAN COUNTY.

Dr. W. T. ELAM, President.
 Dr. J. B. REYNOLDS, Vice-Pres.
 Dr. CHAS. WOOD FASSETT, Sec.

Dr. J. J. BANSBACH, Treasurer.
 Dr. O. B. CAMPBELL, Delegate.

Members.

Adler, H. B., St. Joseph.
 Bansbach, J. J., St. Joseph.
 Bell, J. M., St. Joseph.
 Campbell, O. B., St. Joseph.
 Carter, J. J., St. Joseph.
 Carpenter, S. F., St. Joseph.
 Deffenbaugh, W. B., St. Joseph.
 Doyle, T. H., St. Joseph.
 Dunsmore, J. M., St. Joseph.
 Dandurant, L. J., St. Joseph.
 Doyle, J. M., St. Joseph.
 Donelan, E. A., St. Joseph.
 Deppen, R. C., St. Joseph.
 Elam, W. T., St. Joseph.
 Fassett, Chas. Wood, St. Joseph.
 Farber, M. J., St. Joseph.
 Forgrave, L. R., St. Joseph.
 Forgrave, H. S., St. Joseph.
 French, J. A., St. Joseph.
 Fulkerson, P. P., St. Joseph.
 Geiger, Chas. G., St. Joseph.
 Geiger, Jacob, St. Joseph.
 Graham, J. K., St. Joseph.
 Gleaves, O. G., St. Joseph.
 Gray, A. L., St. Joseph.
 Heddens, J. W., St. Joseph.
 Hunterson, D. L., St. Joseph.
 Islaub, J. W., St. Joseph.
 Kenney, W. L., St. Joseph.
 Kessler, S. F., St. Joseph.
 Kirschner, P. J., St. Joseph.

Leonard, Jno. W., St. Joseph.
 Leonard, P. I., St. Joseph.
 Lee, Herbert, St. Joseph.
 Morton, Daniel, St. Joseph.
 McGill, W. J., St. Joseph.
 Morrison, W. Scott, Rushville.
 McGlothlan, A. B., St. Joseph.
 Owens, F. C., Agency.
 Paul, T. M., St. Joseph.
 Potter, T. E., St. Joseph.
 Patterson, F. A., St. Joseph.
 Pitts, Barton, St. Joseph.
 Potter, Geo. C., St. Joseph.
 Reynolds, J. B., St. Joseph.
 Spencer, F. H., St. Joseph.
 Schmid, W. F., St. Joseph.
 Sampson, J. H., St. Joseph.
 Smith, J. C., St. Joseph.
 Smith, Ben H., St. Joseph.
 Tygart, C. A., St. Joseph.
 Todd, L. A., St. Joseph.
 Thomas, C. E., St. Joseph.
 Thompson, Geo. R., St. Joseph.
 Walker, H. L., St. Joseph.
 Woodson, C. R., St. Joseph.
 Wallace, C. H., St. Joseph.
 Whittington, W. L., St. Joseph.
 Renaud, E. C., St. Joseph.
 Davis, W. B., St. Joseph.
 Humfreyville, D. L., St. Joseph.

BUTLER COUNTY.

Dr. CHAS. F. GREENE, President.
 Dr. A. W. DAVIDSON, Vice-Prest.
 Dr. J. J. NORWINE, Sec.

B. C. JONES, Treasurer.
 Dr. CHAS. F. GREENE, Delegate.

Members.

Eskew, DeWitt, Poplar Bluff.
 Greene, Chas. F., Poplar Bluff.
 Highfill, W. E., Neeleyville.
 Kendall, W. H., Poplar Bluff.
 Mott, J. W., Poplar Bluff.

Norwine, J. J., Poplar Bluff.
 Seybold, J. W., Poplar Bluff.
 Windsor, A., Poplar Bluff.
 Williams, C. W., Poplar Bluff.

CALDWELL COUNTY.

Dr. GEO. W. GOINS, President.
 Dr. C. C. LEEPER, Vice-Pres.
 Dr. TINSLEY BROWN, Sec.

Dr. TINSLEY BROWN, Delegate.
 Dr. W. T. LINDLEY, Treas.

Members.

Brown, Tinsley, Hamilton.
 Carr, B. F., Polo.
 Cowley, G. B., Cowgill.
 Cramer, J. F., Cowgill.
 Dodge, R. K., Polo.
 Dowell, G. S., Braymer.
 Dwight, K. M., Hamilton.
 Eads, L. J., Hamilton.

Goins, George W., Breckenridge.
 Leeper, C. C., Braymer.
 Lindley, W. T., Hamilton.
 Mount, R. L., Mirabile.
 Schroeder, A. A., Braymer.
 Waterman, J. A., Breckenridge.
 Wooldridge, H. L., Breckenridge.
 Woolsey, N. B., Braymer.

CALLAWAY COUNTY.

Dr. C. H. CHRISTIAN, President.
 Dr. D. H. YOUNG, Vice-Prest.
 Dr. M. YATES, Secretary.

G. D. McCALL, Treasurer.
 Dr. C. H. CHRISTIAN, Delegate.

Members.

Baker, N. F., Fulton.
 Bayliss, W. M., Fulton.
 Bridges, A. D., Portland.
 Christian, C. H., New Bloomfield.
 Crews, R. N., Williamsburg.
 Davis, J. R., Mokane.
 Gibbs, R. T., Hatton.
 Gilman, D. C., Portland.

Harrison, J. F., Fulton.
 Martin, Z. T., Fulton.
 McCall, G. D., Fulton.
 Rootes, G. F. Tebbitts.
 Smith, J. W., Fulton.
 Yates, Martin, Fulton.
 Young, D. H., Fulton.
 Wilfley, O. S., Millersburg.

CAMDEN COUNTY.

Dr. GEO. M. MOORE, President.
 Dr. S. MILLS, Vice-Prest.

Dr. G. T. MYERS, Secretary.
 Dr. W. J. CLARK, Treasurer.

Members.

Clark, W. J., Linn Creek.
 Mills, Sherman, Macks Creek.

Moore, George M., Linn Creek.
 Myers, G. T., Macks Creek.

CARROLL COUNTY.

W. C. BAIRD, President.
 J. D. BOGGS, Vice-Prest.

R. F. COOK, Secretary.
 O. R. EDWARDS, Treasurer.

Members.

Baird, W. C., Bogard.
 Boggs, J. D., Rhoads.
 Brown, H. G., Carrollton.
 Cook, R. F., Carrollton.
 Edmonds, O. R., Tina.
 Highsmith, G. R., Carrollton.
 Hynds, A. J., Norborne.
 Lee, B. J., Carrollton.
 Miller, S. W., Norborne.

Musson, E. H. (Rockingham, Ray Co.).
 Newland, C. W., Bogard.
 Samuels, L. (Emerson, Marion Co.).
 Shawhan, R. C., Hale.
 Thompson, R. J., Norborne.
 Tull, H. W., Carrollton.
 Wheat, B. F., Carrollton.

CASS COUNTY.

Dr. T. W. ADAIR, President.
 Dr. R. D. RAMEY, Vice-Prest.

Dr. J. S. TRIPLETT, Sec.-Treas.
 Dr. M. P. OVERHOLSER, Dele.

Members.

Adair, T. W., Arciie.
 Barrett, W. H., Harrisonville.
 Brierly, H. A., Peculiar.
 Chaffin, W. T., Ravmore.

Clemmons, W. M., Cleveland.
 Elder, A. R., Harrisonville.
 Ellis, D. C., Index.
 Ellis, T. B., Garden City.

Fair, S. W., Raymore.
 Farnsworth, A. D., Drexel.
 Farrow, G. W., East Lynne.
 Jerard, H., Pleasant Hill.
 Keller, R. G., Freeman.
 Longacre, C. E., Freeman.
 Morley, F. R., Harrisonville.
 Overholser, M. P., Harrisonville.
 Palmer, W. C., Dayton.

Ramey, R. D., Garden City.
 Scott, J. U., Harrisonville.
 Strother, J. S., Belton.
 Shively, A. H., Pleasant Hill.
 Smith, Ira, Austin.
 Triplett, J. S., Harrisonville.
 Walker, R. P., Belton.
 Young, O. O., Garden City.
 Wood, L. M., Pleasant Hill.

CHARITON COUNTY.

Dr. M. B. AUSTIN, President. Dr. C. A. JENNINGS, Sec.-Treas.
 Dr. HARRY TATUM, Vice-Prest. Dr. J. D. BRUMMALL, Delegate.

Members.

Austin, M. B., Brunswick.
 Brummall, J. D., Salisbury.
 Baker, J. H. P., Salisbury.
 Baker, Wilford, Salisbury.
 Billeter, W. J., Bynumville.
 Buck, U. E., Rothville.
 Gray, Henry, Prairie Hill.
 Gaines, J. R., Mussell Fork.
 Hawkins, G. W., Triplett.
 Jennings, C. A., Salisbury.

Kirkpatrick, Harry E., Mendon.
 Knott, Isaiah, Keytesville.
 McAdam, I. D., Prairie Hill.
 McEwen, Oliver, Shanondale.
 Pitney, Orville, Forest Green.
 Temple, C. H., Rockford.
 Tatum, Harry, Brunswick.
 Wallace, J. S., Brunswick.
 Welch, J. F., Salisbury.
 Zilman, A. W., Indian Grove.

CLARK COUNTY.

Dr. H. W. HARRIS, President. Dr. A. C. BRIDGES, Sec.-Treas.
 Dr. L. M. DICKSON, Vice-Prest. Dr. F. B. HILLER, Delegate.

Members.

Bridges, A. C., Kahoka.
 Bridges, J. R., Kahoka.
 Burgess, W. J., Wyaconda.
 Dickson, L. M., Revere.
 Harris, H. W., Winchester.

Hiller, F. B., Kahoka.
 Martin, W. H., Kahoka.
 McKee, L. D., St. Francisville.
 Sisson, W. B., Kahoka.
 Teel, A. W., Vincennes, Iowa.

CLAY COUNTY.

Dr. L. J. JONES, President. Dr. J. H. ROTHWELL, Treasurer.
 Dr. JOHN J. RICE, Vice-Prest. Dr. H. ROWELL, Delegate.
 Dr. F. H. MATTHEWS, Secretary.

Members.

Allen, J. M., Liberty.
 Atkins, Calvin, Smithville.
 Bogart, T. N., Excelsior Springs.
 Cox, H. A., Missouri City.
 Fulton, F. H., Holt.
 Jones, L. J., Linden.
 Jones, H. S., Linden.
 Lightfoot, Frank, Excelsior Springs.
 Lowrey, Ernest, Excelsior Springs.
 Marsh, J. T., Liberty.
 Matthews, F. H., Liberty.
 Miller, E. H., Liberty.
 McCullouch, George, Kearney.

Ralph, A. B., Missouri City.
 Rice, John J., Kearney.
 Rice, J. T., Liberty.
 Rowell, H., Kearney.
 Rothwell, J. H., Liberty.
 Sevier, R. E., Liberty.
 Stowers, J. P., Holt.
 Suddarth, C. H., Smithville.
 Tadlock, H. L., Kearney.
 Wallace, W. S., Excelsior Springs.
 Ward, T. J., Birmingham.
 Wilson, J. P., Holt.
 Wysong, W. L., Missouri City.

COLE COUNTY.

Dr. R. E. YOUNG, President. Dr. W. A. CLARK, Treasurer.
 Dr. J. L. THORPE, Vice-Prest. Dr. CHAS. P. HOUGH, Delegate.
 Dr. G. ETTMUELLER, Secretary.

Members.

Bontelje, J. J., Jefferson City. Lore, E. R., Osage City.
 Clark, W. A., Jefferson City. Moore, O. L., Jefferson City.
 Enloe, I. N., Jefferson City. Martin, J. B., Russellville.
 Enloe, C. F., Jefferson City. Martin, J. B., Jr., Lohman.
 Ettmueller, G., Jefferson City. Norwood, W. W., Russellville.
 Elkins, C. D., Jefferson City. Porth, J. P., Jefferson City.
 Hough, C. P., Jefferson City. Thorpe, J. L., Jefferson City.
 Lopp, J. E., Jefferson City. *Young, Robert E., Jefferson City.
 Leach, H. T., Elston. *Deceased.

CURRENT RIVER.

Dr. J. A. CHILTON, President. Dr. FRANK HYDE, Secretary.
 Dr. CHAS. A. WRIGHT, V.-Prest. WM. CRANDALL, Treasurer.

Members.

Chilton, J. A., VanBuren. Hasler, C. R., Winona.
 Courtney, J. J., Birch Tree. Hyde, Frank, Eminence.
 Cotton, T. W., VanBuren. Ross, L. C., Winona.
 Gillmore, W. L., Winona.

DAVISS COUNTY.

Dr. W. N. KEENER, President. Dr. M. A. SMITH, Sec.-Treas.
 Dr. J. D. DUNHAM, Vice-Pres. Dr. W. N. KEENER, Delegate.

Members.

Bresius, W. L., Gallatin. Hedges, Frank, Jamesport.
 Clagett, I. O. F., Jamesport. Keener, Wm. M., Jamesport.
 DePew, Frank L., Altamont. Minnick, A. G., Locksprings.
 Dunham, J. D., Pattonville. Smith, M. A., Gallatin.
 Eastman, F. C., Winston. Songer, H. E., Jamesport.
 Galbreath, J. W., Jamison.

GASCONADE COUNTY.

J. D. SEBA, President.

Members.

Brockhauser, C., Herman. Seba, John D., Bland.
 Ferrell, J. J., Owensville. Spurgin, M. E., Red Bird.
 Nieweg, J. W., Owensville.

GRUNDY COUNTY.

Dr. J. A. ASHER, President. Dr. W. D. FULKERSON, Sec.
 Dr. W. E. ALLEN, Vice-President.

Members.

Asher, J. A., Trenton. Sheldon, S., Trenton.
 Allen, E., Hickory. Sutton, N. E., Trenton.
 Coon, D. W., Trenton. Sutton, Bertha E., Trenton.
 Fulkerson, W. D., Trenton. Webster, C. L., Trenton.
 Herbert, T. B., Galt. Wright, J. B., Trenton.
 Lynch, G. D., Tindall. Winningham, W. H., Edinburg.
 Moore, G. A., Dunlap.

HENRY COUNTY.

Dr. J. M. MILLER, President. Dr. S. A. POAGUE, Treas.
 Dr. CHAS. W. HEAD, Vice-Pres. Dr. R. W. HAIRE, Delegate.
 Dr. F. M. DOUGLAS, Sec.

Members.

Barr, Bernice B., Clinton. Haire, Robert D., Clinton.
 Beaty, Joseph G., R. F. D. No. 2, Hampton, Joseph R., R. F. D. No. 1.
 Clinton.
 Britts, John H., Clinton. Menees, George W., Clinton.
 Douglas, F. M., Clinton. Miller, James M., Montrose.
 Gibbins, Wm. H., Clinton. Poague, Samuel A., Clinton.
 Gisey, Gustavus A., Montrose. Shankland, William M., Clinton.
 Griffith, Chas. E., Windsor. Wallis, J. R., Montrose.
 Head, Charles W., Windsor. Woltzen, S. W., Urich.

HOLT COUNTY.

Dr. W. C. PROUD, Sec.

Members.

Bickle, J. T., Mound City. Miller, J. W., Mound City.
 Davis, T. O., Maitland. Minton, J. R., Bigelow.
 Davis, J. M., Craig. Quigley, B. T., Mound City.
 Kaltenbach, E., Craig. Simmons, B. B., Oregon.
 Miller, E. M., Mound City. Williams, Ira, Maitland.

HOWARD COUNTY.

Dr. PAUL C. SMITH, Pres. Dr. C. W. WATTS, Sec.-Treas.
 Drs. T. J. PAYNE and N. E. Dr. V. Q. BONHAM, Delegate.
 SMITH, Vice-Prests.

Members.

Bonham, Vaughan Q., New Franklin. Lewis, C. O., Fayette.
 Burkholder, O. F., Higbee. Lee, C. H., Fayette.
 Cordry, H. V., New Franklin. Payne, T. J., Fayette.
 Champion, J. R., Hildale. Smith, Paul C., Fayette.
 Dinwiddie, F. H., Higbee. Thompson, W. S., Armsrong.
 Fleet, J. B., New Franklin. Wright, U. S., Fayette.
 Hume, J. Y., Armstrong. Watts, C. W., Fayette.
 Haller, E. C., Harrisburg. White, J. A., New Franklin.
 Long, O., Harrisburg. Wood, J. T., Harrisburg.

HOWELL COUNTY.

Dr. J. C. B. DIXON, Pres. H. A. THOMPSON, Treas.
 Dr. J. W. BINGHAM, Vice-Pres. Dr. H. C. SHUTTEE, Delegate.
 Dr. H. C. SHUTTEE, Sec.

Members.

Bingham, J. W., Pottersville. Nichols, D. J., West Plains.
 Culp, J. C., Koshkonong. Reiley, J. F., West Plains.
 Dixon, J. C. B., West Plains. Rowe, H. J., Willow Springs.
 Davis, J. C. B., Mountain View. Shuttee, H. C., West Plains.
 Edwards, W. T., West Plains. Spears, Robt. S., West Plains.
 Johnson, J. McBride, West Plains. Thompson, H. A., Lanton.
 Mitchell, E. H., Pottersville. Wiles, W. T., Bakerfield.

JACKSON COUNTY.

Dr. JOHN W. KYGER, President.
 Dr. E. H. THRAILKILL, Vice-Pres.
 Dr. E. L. CHAMBLISS, Secretary.
 L. W. LUSCHER, Treasurer.

Drs. E. L. CHAMBLISS, JABEZ N.
 JACKSON, E. H. THRAILKILL
 and F. L. COOK, Delegates.

Members.

Armour, Wallace A., 12th St. & Bales Ave.
 Ayers, Samuel, 1212 Wyandotte St.
 Anderson, A. C., 209 Rialto Bldg.
 Binnie, J. F., 12th & Wyandotte Sts.
 Berry, G. F., Rialto Bldg.
 Beattie, T. J., 603 Commerce Bldg.
 Block, J., 502 Commerce Bldg.
 Bowman, J. W., Hall Bldg.
 Bruehl, J., 400 Ridge Bldg.
 Burnett, S. G., Rialto Bldg.
 Burrill, C. W., 203 Commerce Bldg.
 Burke, C. L., Deardorff Bldg.
 Beedle, G. A., 314 Altman Bldg.
 Brown, Ralph, 534 Altman Bldg.
 Bellows, G. E., 429 Rialto Bldg.
 Brainard, B. F., Martin City.
 Barbee, C. M., 522 Rialto Bldg.
 Callahan, Richard, Independence & Ewing.
 Campbell, Wm. L., 15th & Jackson Ave.
 Cathcart, C. P., 419 Deardorff Bldg.
 Chambliss, E. L., 525 Rialto Bldg.
 Clarke, Chas. E., Altman Bldg.
 Clement, Jos., Nutley, N. J.
 Coffin, Geo. O., Ridge Bldg.
 Cordier, A. H., Rialto Bldg.
 Coleman, H. B., 3032 E. 18th St.
 Cross, R. O., Rialto Bldg.
 Crowell, H. C., 11th & Walnut Sts.
 Crow, A. M., 14th & Oak Sts.
 Carbaugh, E., Rialto Bldg.
 Child, Scott P., Bryant Bldg.
 Cury, Edwin R., Deardorff Bldg.
 Coffey, W. H., 500 Belefontaine Ave.
 Cook, F. L., Blue Springs, Mo.
 Dannaker, C. A., 12th & Grand Ave.
 Davis, A. W., Rialto Bldg.
 Davis, G. W., Century Bldg.
 Dunham, S. A., 12th & Main Sts.
 Drake, N. A., 1001 Harrison St.
 Dove, O. H., Rialto Bldg.
 Farney, Hayden M., No. 2 Wabash Ave.

Fields, Thomas, 2006 Benton Blvd.
 Foster, Hal, 402 Altman Bldg.
 Freyman, A. A., 1201 Independence Ave.
 Frick, W. J., 311 Commerce Bldg.
 Frick, Wm., 301 Rialto Bldg.
 Freyer, B. E., 520 E. 9th St.
 Fulton, Chas. M., 515 Altman Bldg.
 Fulton, Andrew L., 429 Deardorff Building.
 Frankenburger, J. M., Rialto Bldg.
 Gaines, J. W., Rialto Bldg.
 Greene, J. V., Rialto Bldg.
 Griffith, J. D., Rialto Bldg.
 Greenlee, A. R., 3931 E. 15th St.
 Goodman, Geo., 35th & Woodland Ave.
 Goldman, Max, Century Bldg.
 Hall, C. Lester, Bryant Bldg.
 Halley, Geo., Ridge Bldg.
 Hanawalt, H. O., 1214 Main St.
 Hanna, M. A., 710 Penn St.
 Hardin, C. B., Rialto Bldg.
 Hashinger, Geo. H., Rialto Bldg.
 Harrelson, N. O., Rialto Bldg.
 Harrington, J. L., Shukert Bldg.
 Harrison, A. M., Lee's Summit, Mo.
 Hedrick, C. L. V., 1108 Walnut.
 Hill, Howard, Rialto Bldg.
 Horrigan, J. A., 3100 Main St.
 Hays, Harry C., Altman Bldg.
 Hyde, Bennett C., Altman Bldg.
 Hetherington, E. M., Altman Bldg.
 Henry, Fannie J., 2203 Brooklyn Av.
 Hall, Frank, 7th & Washington Sts.
 Hubbard, E. E., Rialto Bldg.
 Hamel, Geo. F., care Mo. Pac. Hospital.
 Hickerson, J. C., Independence, Mo.
 Iuen, F. J., 1330 Grand Ave.
 Jackson, J. W., Rialto Bldg.
 James, S. C., Bryant Bldg.
 Jones, K. P., 11th & Walnut Sts.
 Johnson, J. H., Altman Bldg.
 Jacobs, Ben, Altman Bldg.

- Jerowitz, H. D., 1330 Grand Ave.
 Jones, O. F., Rialto Bldg.
 Kuhn, Wm. F., Deardorff Bldg.
 Kyger, J. W., 815 E. 31st St.
 Knoche, P. J., Ridge Bldg.
 Lichtenberg, Jos., Altman Bldg.
 Leonard, H. O., 1214 Main St.
 Leonard, W. H., 601 Southwest Blvd.
 Lester, Chas. H., Bryant Bldg.
 Lewis, Nannie P., 1219 Wyandotte St.
 Logan, James E., 1228 Wyandotte St.
 Luscher, L. W., 12th St. & Grand Av.
 Lewis, J. K., 12th & Troost Ave.
 Lanning, J. H., 1221 Washington St.
 Landsdale, John M., Altman Bldg.
 Laurazana, Ligni, 5th & Cherry Sts.
 Lahmer, Ira B., 1336 Broadway.
 Mitchell, Jno. T., Ridge Bldg.
 Miller, Abram, Rialto Bldg.
 Miller, Hugh, Shukert Bldg.
 Montgomery, W. E., Rialto Bldg.
 Morrow, C. J., Bryant Bldg.
 Morrow, Wm. F., Altman Bldg.
 Mosher, Geo. C., Bryant Bldg.
 Mott, Jno. S., Rialto Bldg.
 Murphy, F. E., Deardorff Bldg.
 Morris, Wm. C., 12th & Oak Sts.
 Mark, E. G., 1208 Wyandotte St.
 Martin, H. L., 601 E. 12th St.
 Mitchell, G. B., Rialto Bldg.
 Middleton, James, 412 N. Montgall Ave.
 Mann, A. W., Oak Grove, Mo.
 McDonald, Chett, Rialto Bldg.
 McVey, Newton, Rialto Bldg.
 McCrea, Maggie, Rialto Bldg.
 McKee, Jos. W., Rialto Bldg.
 McCall, H. B., 12th & Main Sts.
 McCandless, O. H., Ridge Bldg.
 McQuade, H. D., Ridge Bldg.
 Neff, F. C., Altman Bldg.
 Newhouse, Stanley, Rialto Bldg.
 O'Connor, C., 815 McGee St.
 Parker, O. H., Rialto Bldg.
 Pearse, H. E., Rialto Bldg.
 Perkins, Jno. W., Altman Bldg.
 Pettijohn, N. J., Shukert Bldg.
 Porter, D. R., 10th & Washington Sts.
 Porter, Allen, Rialto Bldg.
 Punton, John, Altman Bldg.
 Rathbone, F. W., Rialto Bldg.
 Richardson, K. B., Ridge Bldg.
 Robinson, J. L., Altman Bldg.
 Rogers, J. C., Rialto Bldg.
 Riegle, D. H., Altman Bldg.
 Reed, Wm. H., Rialto Bldg.
 Robinson, E., Bryant Bldg.
 Reyling, F. L., Altman Bldg.
 Roberts, Clarence, Altman Bldg.
 Russell, E. L., Altman Bldg.
 Ritter, C. A., Altman Bldg.
 Ridge, I. M., Ridge Bldg.
 Rosenwald, Leon, Rialto Bldg.
 Smith, Avis E., University Bldg.
 Sawyer, J. F., 5th & Lydia Ave.
 Scott, J. N., Ridge Bldg.
 Schauflier, E. W., Deardorff Bldg.
 Schauflier, Robt. McE., Deardorff Bldg.
 Sherer, Jos. W., Altman Bldg.
 Singleton, J. M., 15th & Troost Ave.
 Sloan, Robt. T., Rialto Bldg.
 Stephens, Nannie A., 813 E. 31st St.
 Street, St. Clair, 123 W. 12th St.
 Sams, Wm. M., 806 Independence Av.
 Sandzen, Carl, Rialto Bldg.
 Smith, J. H., Rialto Bldg.
 Sexton, M. P., Century Bldg.
 Sanders, St. Elmo, Rialto Bldg.
 Snider, J. S., 2615 Brooklyn.
 Spaulding, Chas. L., Altman Bldg.
 Schutz, W. H., Bryant Bldg.
 Talbot, Ambrose, Rialto Bldg.
 Taylor, L. G., 720 Woodland Ave.
 Tesson, N. A. G., 12th & Cleveland Ave.
 Thompson, J. H., Deardorff Bldg.
 Thompson, James, Rialto Bldg.
 Thrailkill, E. H., Rialto Bldg.
 Tyree, W. C., Rialto Bldg.
 Trimble, Wm. K., 2317 Main St.
 Thompson, G. B., 16th & Genessee Sts.
 Thomas, A. W., Shukert Bldg.
 Thornton, T. R., 15th & Lydia Ave.
 Tiffany, F. B., 811 McGee St.
 Tureman, H. G., Altman Bldg.
 Twyman, G. T., Independence, Mo.
 Van Eman, F. T., Altman Bldg.
 Von Quast, E., Century Bldg.
 Wall, A. H., 3839 Independence Ave.
 Watson, B. F., Rialto Bldg.

Wedding, E. V., 15th & Brooklyn Av.	Waddell, Susan C., 3027 Montgall Ave.
Wheeler, B. H., 3919 Main St.	Welch, A. J., 29th & Southwest Blvd.
Wheeler, W. S., 12th & Grand Ave.	Wood, N. P., Independence, Mo.
Wilson, A. H., 906 Main St.	Wilson, Dora G., 9th & Locust Sts.
Wilson, John, Altman Bldg.	Warden, J. L., Independence, Mo.
Wolf, I. J., Rialto Bldg.	Zwart, B. H., 12th & Main Sts.
Willitt, W. C., Rialto Bldg.	

JASPER COUNTY.

Dr. R. L. NEFF, President.	G. W. MILLER, Treasurer.
Dr. C. C. CUMMINGS, Vice-Prest.	Dr. L. I. MATHEWS, Delegate.
Dr. J. D. PIFER, Secretary.	

Members.

Balsley, M. T., Joplin.	Mayes, G. J., Joplin.
Balsley, J. T., Joplin.	Miller, G. W., Joplin.
Blackwell, Z. T., Joplin.	Miller, S. H., Joplin.
Chenoweth, L. S., Webb City.	Neff, R. L., Joplin.
Clark, J. W., Cartersville.	Nunn, G. G., Joplin.
Cummings, C. C., Joplin.	Pifer, J. D., Joplin.
Freeman, A. B., Joplin.	Snyder, A. R., Joplin.
Grantham, S. A., Joplin	Spriggs, M. L., Joplin.
Kelso, R. S., Joplin.	Shelton, M. C., Joplin.
Ketchum, C. M., Carthage.	Stainey, J. L., Joplin.
Kay, Z. L., Joplin.	Watkins, C. H., Joplin.
Kincheloe, M. B., Joplin.	Winchester, A. N., Joplin.
Lanyon, W. H., Joplin.	Yates, J. R., Joplin.
Mathews, L. I., Joplin.	

JOHNSON COUNTY.

Dr. J. I. ANDERSON, President.	J. A. B. ADCOCK, Treasurer.
Dr. L. F. MURRY, Vice-Prest.	Dr. JOHN T. ANDERSON, Deleg't.
Dr. E. H. GILBERT, Secretary.	

Members.

Adcock, J. A. B., Warrensburg.	Johnson, L. C., Centerview.
Aber, W. H., Montserrat.	Murray, L. F., Holden.
Anderson, J. I., Warrensburg.	Ozias, C. O., Warrensburg.
Anderson, John T., Cornelia.	Parks, Henry, Dunksburg.
Berry, A. J., Warrensburg.	Porter, J. E., Knobnoster.
Bozarth, John A., Centerview.	Rice, John M., Columbus.
Bradley, T. L., Warrensburg.	Rains, N. J., Knobnoster.
Case, Z., Warrensburg.	Schofield, L. J., Warrensburg.
Calloway, G. L., Warrensburg.	Shy, M. P., Knobnoster.
Fishback, M. L., Fayetteville.	Simpson, J. T., Holden.
Gilbert, E. H., Warrensburg.	Schooley, R. C., Robbins.
Greaves, E. A., Kingsville.	Thompson, W. G., Holden.
Hall, O. B., Warrensburg.	Tilton, A. L., Leslie, S. Dakota.
Johnson, W. E., Warrensburg.	Zoll, F. C., Warrensburg.

JOHN T. HODGEN DISTRICT.

Dr. M. P. OVERHOLSER, Pres.	Dr. T. C. BULWARE, Delegate.
Dr. H. A. RHOADES, Sec.-Treas.	

Members.

Ammerman, J. W., Nevada.	Bulware, T. C., Butler.
--------------------------	-------------------------

Bohanan, W. T., Nevada.
 Callaway, L. H., Nevada.
 Churchill, E. R., Nevada.
 Craig, T. B. M., Nevada.
 Duckett, T. H., Milford.
 Foster, T. M., Butler.
 Gilmore, E. E., Adrain.
 Johnson, E. A., Nevada.
 Hornback, J. J., Metz.

Whipple, N. L., Pleasant Gap.
 Lancaster, H. W., Rich Hill.
 Lockwood, T. F., Butler.
 McComb, J. L., Kenoma.
 Rhoades, H. A., Foster.
 Robinson, J. F., Nevada.
 Van Meter, A., Lamar.
 Veidt, E. J., Rockville.

LACLEDE COUNTY.

Dr. J. M. BILLINGS, President.
 Dr. W. H. Wood, Vice-Prest.

Dr. J. A. McCOMB, Sec-Treas.

Members.

Anderson, J. M., Conway.
 Avery, D., Lebanon, Mo.
 Billings, J. M., Lebanon.
 Lockwood, W. A., Conway.
 Jacobs, J., Conway.

McComb, J., Lebanon.
 McComb, J. A., Lebanon.
 Perkins, J. M., Lebanon.
 Smith, J. M., Orla.
 Wood, W. H., Brownfield.

LINN COUNTY.

Dr. G. N. LANTZ, President.
 Dr. KATHRYN STANDLEY, Vice-
 Prest.

Dr. D. F. HOWARD, Secretary.
 Dr. J. L. BURKE, Treasurer.
 Dr. F. W. BURKE, Delegate.

Members.

Burke, J. L., Laclede.
 Burke, F. W., Laclede.
 Cantwell, J. L., Bucklin.
 Dryden, U. C., Purdin.
 Eure, J. B., Brookfield.
 Evans, J. S., Brookfield.
 Fore, T. P., Brookfield.
 Haley, Robert, Brookfield.
 Howard, D. F., Brookfield.
 Johnson, H. C., Meadville.
 Lantz, G. N., Brookfield.

Lane, J. W., Linneus.
 Morris, Robert H., Linneus.
 Oven, T. P., Brookfield.
 Putman, Ola, Marceline.
 Putman, B. B., Marceline.
 Pettijohn, A. C., Brookfield.
 Standley, Kathryn, Brookfield.
 Standley, Z. T., Laclede.
 Standley, E. D., Linneus.
 Stratton, C. D., Rothville.
 Thompson, J. M., Meadville.

LIVINGSTON COUNTY.

Dr. R. BARNEY, President.
 Dr. S. M. BEEMAN, Vice-Prest.

Dr. H. M. GRACE, Secretary.
 Dr. W. A. SWOPE, Treasurer.

Members.

Barney, R., Chillicothe.
 Barney, B., Jr., Chillicothe.
 Beeman, S. M., Chillicothe.
 Cherrington, J. F., Chillicothe.
 Dowell, R. L., Chillicothe.
 Gordon, David, Chillicothe.
 Grace, H. M., Chillicothe.
 Henderson, W. A., Chillicothe.

Murry, E. W., Chillicothe.
 Pielt, K. S., Chillicothe.
 Simpson, A. J., Chillicothe.
 Simpson, W. R., Chillicothe.
 Steven, B. N., Chillicothe.
 Swope, W. A., Wheeling.
 White, W. L., Springhill.

McDONALD COUNTY.

Dr. E. T. DOTY, President.
 Dr. B. F. SMITH, Vice-President.
 Dr. M. L. SELLERS, Secretary.

Dr. O. ST. JOHN, Treasurer.
 Dr. B. F. SMITH, Delegate.

Members.

Beeson, H. O., Noel.
 Best, W. S., Anderson.
 Chase, A. U., Tiff City.
 Denman, J. I., Southwest City.
 Doty, E. T., Anderson.

Horton, W. H., Jane.
 Sellers, M. L., Anderson.
 Smith, B. F., Southwest City.
 St. John, O., Pineville.

MACON COUNTY.

Dr. W. E. WEBB, President. Dr. G. B. RUSH, Sec.-Treas.
 Dr. G. F. BREWINGTON, V.-Pres. Dr. W. V. YATES, Delegate.

Members.

Allen, F. W., Callao.
 Bradley, W. E., Elmer.
 Brewington, G. F., Bevier.
 Burton, S. L., Kaseyville.
 Campbell, J. F., Callao.
 Drew, F. W., Ethel.
 Edwards, J. M., Bevier.
 Foster, J. P., Lacross.
 Trippier, F. L., College Mound.
 Hunt, Jas. R., Ardmore.
 Kimsey, J. T., Bloomington.
 Miller, A. B., Macon.

Miller, W. H., Macon.
 Milam, B. J., Macon.
 Norris, T. J., Macon.
 Reagan, C. W., Macon.
 Roland, W. P., Bevier.
 Rush, G. B., Macon.
 Schwab, B. C., Ardmore.
 Smith, E. S., Macon.
 Southern, J. N., Atlanta.
 Weeb, W. E., Macon.
 Welch, W. A., Callao.
 Yates, W. V., Callao.

MARION COUNTY.

Dr. J. S. HOWELL, President. Dr. F. JANET REID, Sec.-Treas.
 Dr. RICHARD SCHMIDT, V-Prest. Dr. THOMAS CHOWNING, Deleg.

Members.

Banks, H. L., Hannibal.
 Baskett, J. N., Hannibal.
 Bourn, J. J., Hannibal.
 Bounds, E. H., Hannibal.
 Bush, F. W., Hannibal.
 Chilton, J. C., Hannibal.
 Chowning, Thos., Hannibal.
 Ferrell, J. J., Hannibal.
 Goodier, Robert H., Hannibal.
 Howell, J. S., Hannibal.

Heavenridge, Wm. E., Hannibal.
 Heavenridge, Robert, Hannibal.
 Hornback, E. T., Hannibal.
 Kabler, P. L., Hannibal.
 McIntyre, A. J., Hannibal.
 Reid, Florence Janet, Hannibal.
 Schmidt, Richa, Hannibal.
 Shanks, A. L., Hannibal.
 Vandiever, C E., Hannibal.

MARIES COUNTY.

Dr. OTTO C. FRITTS, President. Dr. OTTO N. SCHUDDE, Sec.-Trs.
 Dr. WM. E. JOHNSON, Vice-Prest. Dr. I. M. OWENS, Delegate.

Members.

Burgess, Dr. J. W., Belle.
 Fritts, Otto C., Lois.
 Johnson, Wm. E., Lois.

Jose, J. E., Belle.
 Owens, I. M., Belle.
 Schudde, Otto N., Vienna.

MILLER COUNTY.

Dr. J. W. TEMPLE, President. Dr. G. D. WALKER, Sec.-Treas.
 Dr. F. DeVILBLISS, Vice-Prest. Dr. W. S. ALLEE, Delegate.

Members.

Allee, W. S., Olean.
 DeVilbliss, F., Spring Garden.

Glover, T. L., Spring Garden.
 Hickman, S. P., Ulman.

Kouns, D. H., Tuscumbia.
Nixdoorf, P. A., Pleasant Farm.

Temple, J. W., Eldon.
Walker, G. D., Eldon.

MISSISSIPPI COUNTY.

Dr. A. W. CHAPMAN, President.
Dr. M. D. HAMNER, Vice-Pres.
Dr. H. L. REID, Sec.

Dr. A. J. MARTIN, Treas.
Dr. H. L. REID, Delegate.

Members.

Boggan, P. P., East Prairie.
Chapman, A. W., Charleston.
Finley, B. E., Charleston.
Howle, W. P., Charleston.
Hamner, W. D., Bertrand.
Martin, A. J., East Prairie.

Rowe, J. M., Charleston.
Reid, H. L., Charleston.
Simpson, A. E., Charleston.
Story, C. A., Diehlstadt.
Wallace, G. R., Bertand.

MONITEAU COUNTY.

Dr. J. B. STEWART, President.
Dr. J. M. ROBERTSON, Vice-Pres.
Dr. J. B. NORMAN, Secretary.

H. C. KLUEBER, Treasurer.
Dr. J. B. NORMAN, Delegate.

Members.

Bramel, H. W., McGirk.
Burke, J. P., California.
Crum, J. A., Kleevers.
Dearing, W. A., Jamestown.
Elliott, W. H., Latham.
Farrington, O. P., Clarksburg.
Gray, L. M., California.
Houser, F. W., California.
Inglish, J. E., Bacon.
Klueber, H. C., California.
Latham, H. W., Latham.

Marsh, J. W., Tipton.
Norman, J. B., California.
Patterson, W. R., Tipton.
Popejoy, H. R., High Point.
Redmon, S. H., Tipton.
Robertson, J. M., Latham.
Stewart, J. B., Clarksburg.
Teel, S. M., Prairie Home.
Thorpe, A. V., Jamestown.
Wilson, G. S., Fortuna.

MONROE COUNTY.

Dr. T. B. LOYD, President.
Dr. W. T. BELL, First Vice-Pres.
Dr. S. M. Brown, Second Vice-Pres.

Dr. M. C. McMURRY, Secretary.
Dr. F. M. MOSS, Treasurer.

Members.

Bell, W. T., Stoutsville.
Brown, S. M., Monroe City.
Bodine, M. S., Paris.
Brown, John E., Florida.
Dixon, C. H., Holliday.
Duncan, Edward, Long Branch.
Ely, A. W., Monroe City.

Johnson, G. A., Holliday.
Loyd, T. B., Paris.
McMurry, M. C., Paris.
McNutt, W. B. A., Monroe City.
Moss, F. M., Paris.
Payne, H. C., Paris.
Shobe, H. G., Paris.

MORGAN COUNTY.

Dr. JOEL D. HUBBARD, President.
Dr. W. L. HATLER, Vice-Prest.

Dr. JOHN T. BEALE, Sec.-Treas.
Dr. R. Q. KELLEY, Delegate.

Members.

Beale, John T., Versailles.
Bohling, Cord, Pymont.
Blacksten, H. E., Excelsior.
Hatler, W. L., Barnett.

Hubbard, Joel D., Versailles.
Kelley, R. Q., Versailles.
Lutman, H. M., Versailles.
Well, Wm., Versailles.

NODAWAY COUNTY.

Dr. J. A. LARRABEE, President.
 Dr. GEO. NASH, Vice-Prest.
 Dr. F. R. ANTHONY, Secretary.

Dr. L. E. DEAN, Treasurer.
 Dr. F. R. ANTHONY, Delegate.

Members.

Allen, A. B., Maryville.
 Anthony, F. R., Maryville.
 Barnet, A. D., Guilford.
 Carter, Marcus, Burlington Jcn.
 Crowson, E. L., Pickering.
 Cummins, K. C., Maryville.
 Day, Hiram, Parnell.
 Davis, Thos. J., Graham.
 Dean, J. W., Maryville.
 Dean, L. E., Maryville.
 Douglas, G. G., Ravenwood.
 Ellis, C. A., Maryville.
 Goodson, E. N., Hopkins.
 Heryford, W. B., Pickering.
 Howell, C. F., Burlington Jcn.
 Kessler, O. C., Ravenwood.
 Koch, C. D., Maryville.
 Large, S. D., Hopkins.

Larrabee, J. A., Barnard.
 McClanahan, J. M., Guilford.
 Morrison, J. B., Maryville.
 Nash, G. A., Maryville.
 Nesbitt, E. P., Sheridan.
 Pierpoint, J. E., Skidmore.
 Pollard, D. A., Barnard.
 Pollard, M. M., Guilford.
 Ryan, F. M., Quitman.
 Royer, B. F., Clearmont.
 Sargent, D. A., Hopkins.
 Sayler, H. L., Elmo.
 Stuckle, W. P., Clyde.
 Todd, J. H., Maryville.
 Wallis, F. C., Maryville.
 Wallis, W. M., Maryville.
 Woods, W. S., Elmo.

PETTIS COUNTY

Dr. W. C. OVERSTREET, Prest.
 Dr. E. A. WOOD, Vice-Prest.

Dr. W. S. SHIRK, Sec.-Treas.
 Dr. W. J. FERGUSON, Delegate.

Members.

Cole, H. B., Sedalia.
 Collins, M. T., Sedalia.
 Dunlap, W. O., Sedalia.
 Evans, W. H., Sedalia.
 Ferguson, W. J., Sedalia.
 Cartwright, C. P., Longwood.
 Gresham, E. F., Sedalia.
 Cowan, W. G., Sedalia.
 Hite, H. A., Greenridge.
 Knott, Minerva, Sedalia.
 Kelly, Sam, Sedalia.
 Love, J. G., Sedalia.

McNeil, Geo. E., Sedalia.
 Mitchell, J., Lookout.
 Nasse, E., Sedalia.
 Overstreet, W. C., Sedalia.
 Prowell, J. D., Longwood.
 Sutton, F. L., Sedalia.
 Shirk, W. S., Sedalia.
 Statte, E. F., Beaman.
 Tyler, R. S., Denksburg.
 Tucker, A. J., Sedalia.
 Wood, E. A., Sedalia.
 Yancey, E. F., Sedalia.

PHELPS COUNTY.

Dr. W. H. BREUER, Prest.
 Dr. R. L. JOHNSON, Vice-Prest.

Dr. S. L. BAYSINGER, Sec.-Treas.
 Dr. R. L. JOHNSON, Delegate.

Members.

Rowe, Saml. B., Rolla.
 Johnson, R. L., Rolla.
 Baysinger, S. L., Rolla.
 Breuer, W. H., St. James.
 Fulbright, C. H., St. James.
 Burns, W. F., Newburg.

Short, Marth J., Rolla.
 Appley, Wm., Rolla.
 Smith, B. T., Newburg.
 Cowan, R. B., Edgarsprings.
 Rodman, W. B., Newburg.
 Gowin, O. G., St. James.

PLATTE COUNTY.

Dr. A. S. HERNDON, President.
 Dr. R. P. DAVIS, Vice-Prest.
 Dr. G. C. COFFEY, Secretary.

J. A. BALDWIN, Treasurer.
 Dr. S. REDMAN, Delegate.

Members.

Baldwin, Jas. A., Platte City.
 Barr, Archie C., Linkville.
 Chastain, Chas. H., Farley.
 Coffey, E. McD., Platte City.
 Coffey, Grundy C., Platte City.
 Davis, Robt. P., Woodruff.
 Hale, Joseph M., Dearborn.
 Herndon, Albert S., Camden Point.

Moore, Milton, H., Dearborn.
 Murray, Elmore, Parkville.
 Redman, Spence, Platte City.
 Simpson, William J., Weston, Mo.
 Swanner, W. B., Linkville.
 Wilson, R. P. C., Platte City.
 Winn, John W., Platte City.

PUTNAM COUNTY.

Dr. I. F. NOEL, President.
 Dr. C. H. CARRVER, Vice-Pres.
 Dr. J. H. HOLMAN, Secretary.

Dr. A. D. ELLIS, Treasurer.
 Dr. L. L. GRAY, Delegate.

Members.

Carryer, C. H., Hartford.
 Cozad, F. A., Powersville.
 Ellis, A. D., Powersville.
 Fretwell, W. J., Unionville.
 Geisinger, E. J., Unionville.
 Gray, L. L., St. John.
 Haynes, Lee, Mendota.

Holman, J. H., Unionville.
 Montgomery, E. A., Unionville.
 Noel, Frank, Unionville.
 Rice, F. D., Lucerne.
 St. John, R. L., Howland.
 Townsend, J. A., Unionville.

RANDOLPH COUNTY.

Dr. J. C. RIDINGS, President.
 Dr. G. M. NICHOLS, Vice-Prest.

Dr. D. A. BARNHART, Sec.-Treas.
 Dr. O. O. ASH, Delegate.

Members.

Adams, S. C., Huntsville.
 Aldridge, A., Mountairy.
 Ash, O. O., Moberly.
 Barnhart, D. A., Huntsville.
 Clapp, C. B., Moberly.
 Cottingham, T. A., Moberly.
 Crippiodge, G. O., Moberly.
 Dickerson, W. M., Renick.
 Dutton, C. K., Moberly.
 Foley, E. P., Moberly.

Halliburton, W. D., Moberly.
 Hickerson, E. R., Moberly.
 Mangus, T. D., Clark.
 Mangus, C. W., Moberly.
 Magee, W. K., Moberly.
 Nichols, G. M., Higbee.
 Owens, S. P., Moberly.
 Redings, J. C., Cairo.
 Shrader, E. W., Moberly.

RAY COUNTY.

Dr. JAS. W. SMITH, President.
 Dr. J. F. OSBORNE, Vice-Prest.
 C. B. SHOTWELL, Secretary.

L. D. GREENE, Treasurer.
 Dr. JAS. W. SMITH, Delegate.

Members.

Cook, T. B., Rayville.
 Crowley, C. C., Richmond.
 Griffin, J. M., Millville.
 Greene, L. D., Richmond.
 Hamilton, Robert L., Richmond.
 Osborne, J. F., Henry.

Gosney, C. W., Hardin.
 Musson, E. H., Rockingham.
 Sevier, Robert, Richmond.
 Sheetz, Robert, Orrick.
 Shotwell, Chas. B., Richmond.
 Smith, Jas. W., Richmond.

REYNOLDS COUNTY.

Dr. J. M. LOWERY, President.
Dr. T. T. O'DELL, Vice-Prest.

Dr. T. W. CHILTON, Sec.-Treas.
Dr. D. H. McKENZIE, Delegate.

Members.

Chilton, T. W., Corridon.
Cloonan, M., Ruble.
Copeland, W. A., Ellington.
Lowery, J. M., Centerville.

McKenzie, D. H., Lesterville.
Moffitt, J. H., Redford.
Moore, J. H., Centerville.
O'Dell, T. T., Ellington.

SALINE COUNTY.

Dr. D. C. GORE, President.
Dr. B. M. SPOTTS, Vice-Prest.

Dr. D. F. BELL, Secretary.
Dr. M. F. CHASTAIN, Treasurer.

Members.

Chastain, M. F., Marshall.
Howard, F. A., Slater.
Gore, D. C., Marshall.

Spotts, B. M., Marshall.
Shuck, L. I., Nelson.
Wheeler, J. F., Herndon.

ST. CLAIR COUNTY.

Dr. W. CLINE, President.
Dr. W. B. PRINGREY, Vice-Prest.

Dr. E. D. MILES, Secretary.
Dr. JOHN SEEVERS, Treasurer.

Members.

Bell, W. E., Osceola.
Cline, D. W., Appleton City.
Miles, E. D., Osceola.
Pingrey, W. B., Osceola.
Seevers, John, Osceola.

Smith, R. J., Appleton City.
Sullivan, E. W., Osceola.
Taylor, W. E., Ohio.
Williams, D. B., Osceola.

ST. LOUIS.

Dr. B. M. HYPES, President.
Dr. H. C. DALTON, Vice-Prest.
Dr. T. A. HOPKINS, Recording Sec.

Dr. H. J. SCHERCK, Cor. Sec.
Dr. R. M. KING, Treasurer.

Delegates.

Vilray, P. Blair.
Brown, J. Y.
Dorsett, W. B.
Funkhouser, R. M.

Keiffer, A. R.
Lutz, F. J.
Moore, W. G.

Members.

Abeken, F. W., 3531 S. Broadway.
Albrecht, F. H., 3763 Westminster Pl.
Allison, N., Linmar Bldg.
Allyn, A. B., 3136 Morganford Rd.
Alt, A., 3036 Locust St.
Althans, Carl, 2848 Accomac St.
Amerland, J. H., 2739, Chippewa St.
Apperson, E. L., 536 N. Taylor Ave.
Atkins, H. S., Insane Asylum.
Atkinson, R. C., 3002 Lafayette Ave.
Aufderheide, W. D., 2754 Arsenal Av.
Auler, H. A., 2708 Lynch St.
Babler, E. A., 617 Euclid Ave.
Bailey, F. W., City Hospital.
Baker, R. W., 1438 Pendleton Ave.
Ball, J. M., 3509 Franklin Ave.

Ball, O. F., Linmar Bldg.
Barck, Carl, 2115 Locust.
Barclay, Robt., 3894 Washington Av.
Barnes, A. S., 5434 Maple Ave.
Barnes, A. S., Jr., Mo. Trust Bldg.
Bauduy, W. K., 2808 Olive St.
Bauduy, J. K., 2808 Olive St.
Bauer, C. E., 2104 N. 14th St.
Baumgarten, G., 2608 Locust St.
Baumgarten, W., 2647 Wash'gton Av.
Bartlett, W., 3894 Washington Ave.
Barnes, R. H., 3348a Laclede Ave.
Becker, W. H., 4743 Labadie Ave.
Bedal, A. C., 3418 Lucas Ave.
Behrens, L. H., 5 S. Broadway.
Bishop, F. L., 516 N. Garrison Ave.

- Blair, V. P., 305 N. Grand Ave.
 Black, W. D., 1411 California Ave.
 Bliss, M. A., 3561 Olive St.
 Bolton, B. M., 4160 McPherson Ave.
 Boogher, F., High and Carr Sts.
 Boogher, J. L., Mo. Trust Bldg.
 Booth, D. S., 534 N. Vandeventer Av.
 Bock, A. F., 1107 N. Grand Ave.
 Brocke, E., 3916 N. 20th St.
 Bond, Y. H., 325 N. Grand Ave.
 Boemler, G., 1022 St. Louis Ave.
 Boisliniere, L. C., 3533 Olive St.
 Boehm, J. L., 111 N. 8th St.
 Broderick, J. R., Vanol Bldg.
 Bradley, A. H., 1019 N. 21st St.
 Brown, Jno. Young, City Hospital.
 Brown, L. S., 536 N. Taylor Ave.
 Bribach, B., 7608 Michigan Ave.
 Brookes, H. S., 3557 Lafayette.
 Broome, G. W., 612 N. Taylor Ave.
 Brokaw, A. V. L., 536 N. Taylor Av.
 Briggs, W., 500 N. Jefferson Ave.
 Bremer, L., 3723 Pine St.
 Brandt, A. L., City Hospital.
 Buckwalter, J. C., Carleton Bldg.
 Burnett, E. C., Century Bldg.
 Buck, T. E., 2610 S. Jefferson Ave.
 Burns, Robt., 612 N. Taylor Ave.
 Burford, C. E., 932 Hamilton Ave.
 Carley, H. D., 3419 Bell Ave.
 Cape, L. W., Sutton & Hazel.
 Carson, N. B., 3561 Olive St.
 Carson, G. W., Century Bldg.
 Cadwallader, I. H., 919 N. Taylor Av.
 Campbell, G., 3429 Morgan St.
 Caplan, L., Century Bldg.
 Carman, R. D., 4318 Olive St.
 Chaddock, C. G., 3750 Lindell Ave.
 Clark, W. J., City Hospital.
 Clopton, M., 2604 Locust.
 Collassowitz, A., 2921 S. Broadway.
 Creveling, H. C., 2946 Washington Ave.
 Crandall, G. C., 4278 Olive St.
 Crossen, H. S., Olive and Sarah.
 Curl, J. L., 2901 Clifton Ave.
 Cummings, H. J., 1200 N. Grand Av.
 Dalton, H. C., 3536 Easton Ave.
 Davis, W., 5013a Page Ave.
 De Lorme, H. A., 3960 N. 11th St.
 Dean, Jno. McH., 319 N. Grand Ave.
 Deutsch, W. S., 3135 Washington Av.
 Dickerson, W. L., 5414 Easton Ave.
 Dorsett, W. B., Linmar Bldg.
 Dorsey, B. L., 1422 N. Taylor Ave.
 Dudley, C. R., Linmar Bldg.
 Duncan, J. H., Century Bldg.
 Dudley, G. F., 4043 McPherson Ave.
 Ehrhardt, R. T., Century Bldg.
 Ehrenfest, A., Vanol Bldg.
 Elbrecht, O. H., Female Hospital.
 Engman, M. F., 2608 Locust St.
 Epstein, M. J., 1905 N. 11th St.
 Ewing, F. C., Century Bldg.
 Faber, J. E., 2133 S. Jefferson Ave.
 Fahlen, F., 116 N. Grand Ave.
 Farmer, P. J., 5329 Vernon Ave.
 Ferrel, H. E., 822 N. Grand Ave.
 Fischer, W. E., 3556a Olive St.
 Fischel, W. E., 2647 Washington Av.
 Fisch, Carl, 3112 Pine St.
 Ford, W. H., 4219 Olive St.
 Forster, Davis, 6209 Easton Ave.
 Forster, O. E., 320 N. Garrison Ave.
 Fox, S. D., 2846 Manchester Ave.
 Fry, F. R., Linmar Bldg.
 Friedmann, J., 308 N. 6th St.
 Freudenstein, W. H., 3836 Clark Ave.
 Frankenthal, M. A., 4163 McPherson.
 Fulton, A. L., 617 Chouteau Ave.
 Funkhouser, R. M., 12 City Hall.
 Furney, E. E., 3417 Morgan St.
 Fuchs, W. H., 2830 Lafayette Ave.
 Gamble, D. C., Century Bldg.
 Gettys, H., Mo. Trust Bldg.
 Gehrung, E. C., Linmar Bldg.
 Geitz, H. A., 2942 Washington Ave.
 Glahn, C. P., City Hospital.
 Glasgow, F. A., 3894 Washington Av.
 Goodloe, H., Vanol Bldg.
 Goodwin, E. J., Linmar Bldg.
 Golland, M., 1712 Carr St.
 Gross, J. H., Oriel Bldg.
 Graves, S. C., 3608 Lindell Ave.
 Graves, W. W., (in Europe).
 Griffin, P. H., 2730 Washington Ave.
 Grindon, Jos., 3894 Washington Ave.
 Green, Jno. Jr., Vanol Bldg.
 Greer, E. O., 2750 Park Ave.
 Gradwohl, R. B. H., Century Bldg.
 Gregory, E. H., 3525 Lucas Ave.
 Guhman, M. J., 3505 N. 26th St.

Horwitz, M. R., 3000 Olive St.
 Heuer, P. J., 303 N. Grand Ave.
 Hawley, T. S., 3065 Easton Ave.
 Hawley, N. J., Century Bldg.
 Herman, H. W., 1127 N. Grand Ave.
 Hempel, Max, 3857 N. Grand Ave.
 Homan, Geo., Odd Fellows' Bldg.
 Hughes, C. H., 3557 Olive St.
 Hypes, B. M., 2005 Victor St.
 Hasse, M. E., 1105 N. 7th St.
 Hennerich, J. P., 2921 S. Broadway.
 Houck, Louis, 903 Morrison Ave.
 Holtgrewe, F. W., 1601 Blair Ave.
 Houck, E. F., 1638 S. Jefferson Ave.
 Hoeffler, J. P., 2304 S. Compton Ave.
 Hoffman, Phil., 3337 Washington Av.
 Hill, Roland, 4605 Delmar Ave.
 Henderson, F. L., Century Bldg.
 Hall, Willis, 2332 Washington Ave.
 Helwig, H. J., 4268 Cook Ave.
 Hickman, H., 3353 S. Jefferson Ave.
 Harris, R. C., 1303 N. 30th St.
 Hopkins, T. A., 319 Century Bldg.
 Hopkins, M. J., 3400 Pine St.
 Houser, K., Century Bldg.
 Hoge, M. W., 3502 Franklin Ave.
 Harris, D. L., 926 Academy Ave.
 Herchenroder, L. C., 2904 Park Ave.
 Howard, A. P., 4039 Olive St.
 Hirschi, W. T., 2217 St. Louis Ave.
 Johnson, E. H., 2507 N. Spring.
 Johnson, H. McC., Linmar Bldg.
 Johnson, F. P., 3744 Finney Ave.
 Jennings, J. Ellis, Carleton Bldg.
 James, J. A. J., Carleton Bldg.
 Jones, M. D., 4068 Washington Ave.
 Jacobson, H., Mo. Trust Bldg.
 Jordan, A. P., 2755 Osage St.
 Jonas, E., 2329 Locust St.
 Jones, H. W., Linmar Bldg.
 Johnston, Wm., 219 N. Cardinal.
 Keith, W., Carleton Bldg.
 Klein, S., 1921 N. Grand Ave.
 Keber, J. B., Century Bldg.
 Kier, W. F., 3609 Lindell Ave.
 King, R. M., 1125 N. Grand Ave.
 Kuhn, D., 1746 Chouteau Ave.
 Kessler, E. H., 3446 Shenandoah Av.
 Kieffer, A. R., 4268 W. Belle Pl.
 Kieble, R. R., Mo. Pac. Hospital.
 Koetter, A. E., Olivia Bldg.
 Krebs, F. J. V., 2816 N. 14th St.
 Kane, R. Emmett, 1123 N. Grand Av.
 Kirschner, W. G., City Hospital.
 Krenning, W. J., 4226 Easton Ave.
 Loeb, Clarence, 2715 Locust St.
 Loeb, H. W., 3559 Olive St.
 Larew, J. L., 3030 Morgan St.
 Langan, W. J., 1444 N. 23d St.
 Lange, A. F., 2755 Osage St.
 Laidley, L. H., Carleton Bldg.
 Lutz, F. J., Grand & Lafayette.
 Ludwig, C. V. F., 1515 Chouteau Av.
 Long, J. M., 513 N. Sarah St.
 Loftus, W. V., 5071 Minerva Ave.
 Luedeking, R., 1837 Lafayette Ave.
 Lewis, B., Century Bldg.
 Lewis, Chas., 1402 Monroe St.
 Lare, H. S. P., 3452 Park Ave.
 Lightner, C. R., 2313 Washington Av.
 Lyman, H., Carleton Bldg.
 Lemen, J. R., Vanol Bldg.
 Link, J. J., Mermod-Jaccard Bldg.
 Luton, L. S., Olivia Bldg.
 McPheeters, Wm., 3452 Pine St.
 McClure, J., 1702 Market St.
 McLean, M. H., 3880 Washington Av.
 McKay, H. S., 2643 Geyer Ave.
 Morris, C. C., 2945 Franklin Ave.
 Martin, T. A., Century Bldg.
 Marx, Ella, 505 N. Theresa.
 Meisenbach, A. H., 2229 S. Broadw'y
 Meyer, H. H., 1823 N. Taylor.
 Miller, J. J., 4439 Morgan St.
 Moore, W. G., 86 Vandeventer Pl.
 Moore, J. W., 906 Pine St.
 Moore, H. M., Linmar Bldg.
 Moore, B. W., 3634 Washington Av.
 Mudd, H. G., 2604 Locust St.
 Mueller, E., 3334 California Ave.
 Marks, H., 2930 Morgan St.
 Murphy, R. Brent, 6035 Manchester Ave.
 Meng, E. R., 728 N. Taylor Ave.
 Morfit, J. C., 5101 Morgan St.
 Mver, J. S., 3894 Washington Ave.
 Mosby, C. V., 2313 Washington Av.
 Moore, J. G., 5259 Page.
 Murphy, J. C., 4263 Morgan St.
 Max, C. O. C., 2747 Lafayette Ave.
 Nifong, F. G., 704 N. Kingshighw'y
 Newman, L. E., Century Bldg.

Nietert, H. L., Century Bldg.
 Nicholson, C. M., 2900 Washington Ave.
 Neuhoﬀ, F., 1318 Chouteau Ave.
 Nicks, H. G., 933a Goodfellow Ave.
 Newell, M. E., 3880 Washington Ave.
 Newcomb, Phil., 3353 Nebraska Ave.
 Norris, E. J., 4223 Russell Ave.
 Ohmann-Dumesnil, A. H., 5 S. Broadway.
 Outten, W. B., Mo. Pac. Hospital.
 O'Reilly, R. J., 602 N. 7th St.
 Orr, C. J., 3343 Morgan St.
 Porter, Wm., Commercial Bldg.
 Post, H. M., 27th & Washington Av.
 Powell, C. H., Century Bldg.
 Phillips, G. M., Commercial Bldg.
 Pim, L. T., Century Bldg.
 Popper, Morris, Mermod-Jaccard Bld
 Padberg, Louis R., 2759 Armand St.
 Pfeiﬀenberger, J. M., City Hospital.
 Prinz, Herman, Century Bldg.
 Remme, C. T., 400 S. 14th St.
 Reder, Francis, 4629 Cook Ave.
 Reismeyer, L. T., 2838 Lafayette Av.
 Robinson, A. C., Chemical Bldg.
 Rohlfing, H. A. L., 2602 Laclede Av.
 Rohlfing, C. G., 1200 N. 8th St.
 Rohlfing, L. C., 3814 Maﬀitt Ave.
 Rumbold, F. M., Century Bldg.
 Roseborough, F. H., Cor. Grand and Bell Aves.
 Ring, Frank, Chemical Bldg.
 Rinninger, Will, 1100 Madison.
 Rothstein, H. M., 3309 S. 13th St.
 Rice, D. F., 4256 Easton Ave.
 Ross, J. B., 1908 E. Grand Ave.
 Riley, R. D., City Hospital.
 Rush, Wm., 805 N. Grand Ave.
 Sluder, G., 2647 Washington Ave.
 Stauffer, W. H., Olivia Bldg.
 Saunders, E. W., 3003 Lafayette Ave.
 Schuchat, W. L., 2200 Chouteau Ave.
 Sheldon, G. H., Century Bldg.
 Scott, J. M., 3313 Morgan St.
 Soper, H. W., 813 N. 18th St.
 Saxe, E., Century Bldg.
 Suggett, O. J., Commercial Bldg.
 Senseney, E. M., Washington Ave.
 Strauss, Leon, Grand and Franklin.
 Sibley, F. C., 2735 Gamble St.

Stewart, Floyd, Chemical Bldg.
 Scherck, H. J., Century Bldg.
 Schisler, E., 2027 S. Jefferson Ave.
 Schwartz, H., 1723 Chouteau Ave.
 Schwarze, A., 2921 S. Jefferson Ave.
 Schlossstein, A., 2401 S. Broadway.
 Schlossstein, A. G., 3153 Longfellow Blvd.
 Shapleigh, J. B., 2608 Locust St.
 Spiegelhalter, J., 2166 Lafayette Av.
 Steedman, J. G. W., 2803 Pine St.
 Steer, Justin, 3126 Washington Ave.
 Summa, H. H., 3707 N. 11th St.
 Summa, Hugo, 2249 St. Louis Ave.
 Smith, Elsworth, 116 N. Grand Ave.
 Smith, J. W., Mermod-Jaccard Bldg.
 Sauer, W. E., Olivia Bldg.
 Shattinger, C., 2924 S. Grand Ave.
 Sharpe, N. W., 3505 Franklin Ave.
 Shields, W. B., 303 N. Grand Ave.
 Shoemaker, W. A., Carleton Bldg.
 Schlueter, R. E., 740 S. 4th.
 Spencer, H. N., 2723 Washington A.
 Simon, J. H., 4104 Manchester Ave.
 Schuck, Phil., 1420 S. Broadway.
 Spain, K. C., Carleton Bldg.
 Spooner, E. W., 1116 Talmage Ave.
 Sutter, O., Century Bldg.
 Tanquary, J. H., 930 Belt.
 Tuholske, H., Jefferson & Locust Sts.
 Tuttle, G. M., 3509 Morgan St.
 Talbot, Hudson, 3153 Laclede Ave.
 Trotman, C. A., 3524 Lawton Ave.
 Tiedemann, E. F., 2253 S. Vandeventer Ave.
 Taussig, A. E., 2627 Washington Av.
 Taussig, F. J., 534 N. Vandeventer.
 Tupper, P. Y., Linmar Bldg.
 Vogt, G. W., 1443 Blair Ave.
 Vogt, W. H., Mo. Trust Bldg.
 Valle, J. F., 3303 Washington Ave.
 Vaughan, J. W., 4001 West Belle Pl.
 Vasterling, P. F., Mo. Pac. Hospital.
 Von der Au, O. L., 1301 Geyer Ave.
 Vollmer, P., 2358 S. 12th St.
 Van Hook, H. M., City Hospital.
 Webster, E. E., 6641 Vermont.
 Ware, Chas., 1404 Olive St.
 Wesseler, F. W., 2308 Gravois Road.
 Whelpley, H. M., 2342 Albion Pl.
 Wilson, A., 3878 Page Ave.

Witherspoon, T. C., 4318 Olive St.
 Wilkes, B. A., Linmar Bldg.
 Winter, W., 3632 S. Broadway.
 Woodruff, F. E., 2925 Wash'gton Av.
 Wells, H. P., 2313 Washington Ave.

Wiatt, W. S., East St. Louis, Ill.
 Williamson, J. W., 5600 Cates Ave.
 Ward, E. P., 2734 Armand St.
 Wiener, M., Linmar Bldg.
 Zahorsky, Jno., 1460 S. Grand Ave.

ST. LOUIS COUNTY.

Dr. R. D. MOORE, President.
 Dr. HOWARD CARTER, V. Pres.
 Dr. H. G. WYER, Secretary.

Dr. N. N. JENSEN, Treasurer.
 Dr. W. H. WYER, Delegate.

Members.

Armstrong, C. L., Webster Grove.
 Armstrong, J. H., Kirkwood.
 Carter, Howard, Webster Grove.
 Coleman, H. T., Pattonville.
 Campbell, A. V., Glendale.
 Dunnivant, C. A. P., Kirkwood.
 Dalton, Martin, Ferguson.
 Eatherton, J. W., Allenton.
 Greensfelder, Harry, Central.
 Ham, W. J., Creve Coeur.
 Heidorn, W. H., Bridgeton.
 Higgins, R. M., Webster Grove.
 Inman, S. L., Valley Park.

Jensen, N. M., Florissant.
 Knabb, F. P., Valley Park.
 Koch, O. W., Des Peres.
 Kinner, Wm., Clayton R. R. No. 1.
 Moore, R. D., Central.
 Pitman, John, Kirkwood.
 Pfister, J. D., Fern Ridge.
 Randle, H. T., Clayton.
 Reynolds, S. H., Fenton.
 Thurman, E. J., Fenton.
 Will, S. J., Mehlville.
 Wyer, H. G., Kirkwood.

SCHUYLER COUNTY.

Dr. W. F. MITCHELL, President.
 Dr. J. B. BRIDGES, Vice-Prest.
 Dr. H. E. GERWIG, Secretary.

Dr. J. T. JONES, Treasurer.
 Dr. W. F. MITCHELL, Delegate.

Members.

Bridges, J. B., Downing.
 Gerwig, H. E., Downing.
 Jones, J. T., Queen City.

Mitchell, W. F., Lancaster.
 Mitchell, E. L., Lancaster.

SCOTLAND COUNTY.

Dr. W. E. ALEXANDER, Prest.
 Dr. A. L. DAVIS, Vice-Prest.

Dr. O. F. PILE, Sec.-Treas.
 Dr. E. E. PARRISH, Delegate.

Members.

Alexander, W. E., Memphis.
 Bondurant, W. E. H., Memphis.
 Davis, A. L., Arbela.
 Johnson, F. M., Gorin.

Maynard, Geo. H., Arbelo.
 Parrish, E. E., Memphis.
 Pile, O. F., Memphis.
 Platter, A. E., Memphis.

SHELBY COUNTY.

Dr. WM. CARSON, Prest.
 Dr. J. D. SMITH, Vice-Prest.

Dr. L. W. DALLAS, Sec.-Treas.
 Dr. WM. CARSON, Delegate.

Members.

Carson, Wm., Shelbyville.
 Chapman, Chas., Shelbyna.
 Dallas, L. W., Hunnewell.
 Devin, J. F., Shelbyville.
 Dobson, D. A., Hunnewell.
 Gentry, J. H., Shelbyna.
 Owens, Wm., Oak Dale.
 Pollard, H. M., Shelbyna.

Roy, F. K., Hagers Grove.
 Smith, J. D., Shelbyna.
 Vaughan, H. C., Shelbyna.
 White, Alex., Lakenan.
 Willis, H. T., Shelbyna.
 Wood, A. M., Lentner.
 Wood, A. G., Lentner.

SULLIVAN COUNTY.

Dr. J. C. KESSENGER, Prest.
Dr. G. S. MILNES, Sec.-Treas.

Dr. A. W. WIDNER, Delegate.

Members.

Garner, R. L., Pollock.
Helton, J. W., Green City.
Kessenger, J. C., Milan.
Mairs, E. J., Newton.

Milnes, G. S., Milan.
Reid, F., Humphreys.
Widner, A. W., Newton.
Witter, W. L., Milan.

MEETINGS OF COUNTY MEDICAL SOCIETIES.

The Secretary of the County Society will please furnish the Secretary of the State Society the dates of the Meetings of his County Society.

COUNTY.	DATE OF MEETING.
Atchison	Quarterly. January, April, July, October.
Audrain	
Boone	Monthly. First Monday.
Buchanan	
Butler	
Caldwell	Quarterly. July October, January, April.
Callaway	Monthly. Second Thursday.
Camden	Quarterly. January, April, July, October.
Carroll	
Cass	Quarterly. First Tuesday of March, June, Sept. Dec.
Chariton	Monthly. Last Thursday.
Clark	Subject to the call of the President.
Clay	Monthly. Last Monday.
Cole	Quarterly. Second Thursday of Jan., Apr., July, Oct.
Current River	Quarterly. August, November, February, May.
Davies	
Gasconade	
Grundy	Quarterly. July, October, January, April.
Henry	Monthly. Second Tuesday.
Holt	
Howard	Monthly. Third Tuesday.
Howell	First Thursday of January, March, May.
Jackson	Bi-monthly. Second and Fourth Thursday .
Jasper	Bi-monthly. First and Third Mondays.
Jackson	Quarterly. June, Septembr, December, March.
John T. Hodgen	
Laclede	Bi-annual. First Mondays May and November.
Linn	Quarterly. Tuesday nearest full moon, Jan., Apr., July, October.
Livingston	Monthly. Second Thursday.
McDonald	Monthly. First Wednesday.
Macon	Monthly. On or before full moon, Tuesday, 10 a. m.
Maries	Quarterly. First Thursday of Feb., May., Aug., Nov.
Marion	
Miller	
Mississippi	Monthly. First Monday.
Moniteau	Quarterly. March, June, September, December.
Monroe	Quarterly. First Tuesday of April, July, October, Jan.
Morgan	Quarterly. First Wed. of March, June, Sept., Dec.
Nodaway	Monthly. Second Tuesday.
Pettis	
Phelps	
Platte	Monthly. First Wednesday.
Putnam	Monthly. First Wednesday.
Randolph	
Ray	Monthly. Third Wednesday.
Reynolds	
Saline	Monthly. Second Tuesday.
St. Clair	Quarterly. Second Tues., of March, June, Sept., Dec.
St. Louis	Weekly. Saturdays.
St. Louis County	Bi-monthly. Second and Fourth Wednesday.
Schuyler	
Scotland	Monthly. Second Tuesday.
Shelby	Quarterly. June, September, December, March.
Sullivan	

It is believed the information in this table is correct to date of going to press. Officers are requested to notify us of any errors or required changes. For further information concerning any Society, address the Secretary.

COUNTY.	PRESIDENT.	ADDRESS OF PRESIDENT.	SECRETARY.	ADDRESS OF SECRETARY.
Atchison.....	E. E. Richards.....	Tarkio.....	A. McMichael.....	Rockport.
Audrain.....	C. T. Vernon.....	Mexico.....	C. A. Rothwell.....	Mexico.
Boone.....	R. S. Austin.....	Halsville.....	J. M. Fisher.....	Columbia.
Buchanan.....	W. T. Elam.....	St. Joseph.....	Chas. W. Fassett.....	St. Joseph.
Butler.....	Chas. F. Greene.....	Poplar Bluff.....	J. J. Norwine.....	Poplar Bluff.
Caldwell.....	G. W. Goins.....	Breckenridge.....	Tinsley Brown.....	Hamilton.
Callaway.....	C. H. Christian.....	New Bloomfield.....	M. Yates.....	Fulton.
Camden.....	G. M. Moore.....	Linn Creek.....	G. T. Myers.....	Macks Creek.
Carroll.....	W. C. Baird.....	Bogard.....	R. F. Cook.....	Carrollton.
Cass.....	H. Jerard.....	Pleasant Hill.....	J. S. Triplett.....	Harrisonville.
Chariton.....	M. B. Austin.....	Brunswick.....	C. A. Jennings.....	Salisbury.
Clark.....	H. W. Harris.....	Winchester.....	A. C. Bridges.....	Kahoka.
Clay.....	L. J. Jones.....	Linden.....	F. H. Matthews.....	Liberty.
Cole.....	R. E. Young.....	Jefferson City.....	G. Etmueller.....	Jefferson City.
Current River.....	J. A. Chilton.....	VanBuren.....	Frank Hyde.....	Eminence.
Davess.....	W. N. Keener.....	Jamesport.....	M. A. Smith.....	Gallatin.
Gasconade.....	J. D. Sebo.....	Bland.....		
Grundy.....	J. A. Asher.....	Trenton.....	W. D. Fulkerson.....	Trenton.
Henry.....	J. M. Miller.....	Montrose.....	F. M. Douglas.....	Clinton.
Holt.....	J. M. Davis.....	Craig.....	W. C. Proud.....	Oregon.
Howard.....	P. C. Smith.....	Fayette.....	C. W. Watts.....	Fayette.
Howell.....	J. C. B. Dixon.....	West Plains.....	H. C. Shuttee.....	West Plains.
Jackson.....	J. W. Kyger.....	815 E. 31st St., Kansas City.....	E. L. Chambliss.....	525 Rialto Bldg. Kan. City.
Jasper.....	R. L. Neff.....	Joplin.....	J. D. Pifer.....	Joplin.
Johnson.....	J. I. Anderson.....	Warrensburg.....	E. H. Gilbert.....	Warrensburg.
John T. Hodgen.....	M. P. Overholser.....	Harrisonville.....	H. H. Rhodes.....	Foster.
Laclede.....	J. M. Billings.....	Lebanon.....	J. A. McComb.....	Lebanon.
Linn.....	G. N. Lantz.....	Brookfield.....	D. F. Howard.....	Brookfield.
Livingston.....	R. Barney.....	Chillicothe.....	H. M. Grace.....	Chillicothe.
McDonald.....	E. F. Doty.....	Anderson.....	M. L. Sellers.....	Anderson.
Macon.....	W. E. Webb.....	Macon.....	G. B. Rush.....	Macon.
Maries.....	O. C. Fritts.....	Lois.....	O. N. Schudde.....	Vienna.

County Societies in Affiliation with the State Medical Association.—Continued.

COUNTY.	PRESIDENT.	ADDRESS OF PRESIDENT.	SECRETARY.	ADDRESS OF SECRETARY.
Marion.....	J. S. Howell.....	Hannibal.....	F. Janet Reid.....	Hannibal.
Miller.....	J. W. Temple.....	Eldon.....	G. D. Walker.....	Eldon.
Mississippi.....	A. W. Chapman.....	Charleston.....	H. L. Reid.....	Charleston.
Moniteau.....	J. B. Stewart.....	Clarksbury.....	J. B. Norman.....	California.
Monroe.....	G. B. Dysart.....	Paris.....	W. B. A. McNutt.....	Monroe City.
Morgan.....	J. D. Hubbard.....	Versailles.....	J. T. Beale.....	Versailles.
Nodaway.....	J. A. Larrabee.....	Barnard.....	F. R. Anthony.....	Maryville.
Pettis.....	W. C. Overstreet.....	Sedalia.....	W. S. Shirk.....	Sedalia.
Phelps.....	W. H. Breuer.....	St. James.....	S. L. Baysinger.....	Rolla.
Platte.....	A. S. Herndon.....	Camden Point.....	G. C. Coffey.....	Platte City.
Putnam.....	I. F. Noel.....	Unionville.....	J. H. Holman.....	Unionville.
Randolph.....	J. C. Ridings.....	Cairo.....	D. A. Barnhart.....	Huntsville.
Ray.....	Jas. W. Smith.....	Richmond.....	C. B. Shotwell.....	Richmond.
Reynolds.....	J. M. Lowery.....	Centerville.....	T. W. Chilton.....	Corridon.
Saline.....	D. C. Gore.....	Marshall.....	D. F. Bell.....	Marshall.
St. Clair.....	W. Cline.....	Appleton City.....	E. D. Miles.....	Osceola.
St. Louis.....	E. M. Hypes.....	2005 Victor St.....	T. A. Hopkins.....	Century Bldg.
St. Louis County.....	R. D. Moore.....	Central.....	H. G. Weyer.....	Kirkwood.
Schuyler.....	W. F. Mitchell.....	Lancaster.....	H. E. Gerwig.....	Downing.
Scotland.....	W. E. Alexander.....	Memphis.....	O. F. Pile.....	Memphis.
Shelby.....	Wm. Carson.....	Shelbyville.....	L. W. Dallas.....	Hunnewell.
Sullivan.....	J. C. Kissenger.....	Milan.....	G. S. Milnes.....	Milan.

It is believed the information in this table is correct to date of going to press. Officers are requested to notify us of any errors or required changes. For further information concerning any Society, address the Secretary.

OFFICERS MISSOURI STATE MEDICAL ASSOCIATION.

President: JABEZ N. JACKSON, Kansas City, Mo.
Vice-Presidents: S. M. BROWN, Monroe City; H. W. LATHAM, Latham; T. M. POTTER, St. Joseph;
W. S. THOMPSON, Armstrong; J. C. ROGERS, Kansas City.
Secretary: C. M. NICHOLSON, St. Louis.
Assistant Secretary: E. J. GOODWIN.
Treasurer: J. FRANKLIN WELSH, Salisbury.

DISTRICT COUNCILLORS.

First—F. B. HILLER, Kahoka.
Second—J. B. BRUMMALL, Salisbury.
Third—E. H. MILLER, Fayetteville.
Fourth—C. H. WALLACE, St. Joseph.
Fifth—L. W. DALLAS, Hunnewell.
Sixth—WOODSON MOSS, Columbia.
Seventh—W. B. DORSETT, St. Louis.
Eighth—F. J. LUTZ, St. Louis.

Ninth—B. M. HYPES, St. Louis.
Tenth—J. J. NORWEIN, Poplar Bluff.
Eleventh—W. S. ALLEE, Olean.
Twelfth—R. D. HAIRE, Clinton.
Thirteenth—M. P. OVERHOLSER, Harrisonville.
Fourteenth—A. R. SNYDER, Joplin.
Fifteenth—.....
Sixteenth—R. L. JOHNSON, Rolla.